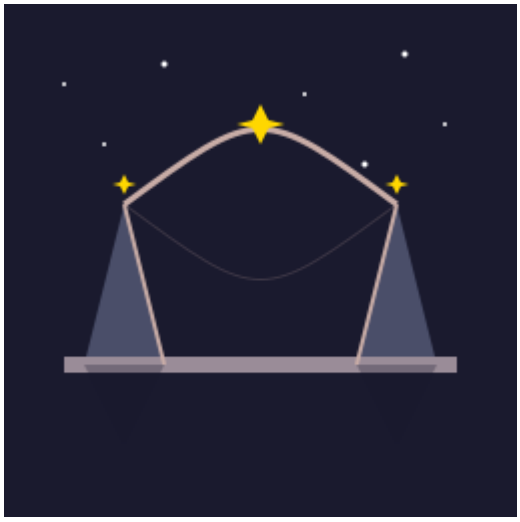

starbridge Documentation

Release 0.10.12

Helmut Hoffer von Ankershoffen

Apr 08, 2025

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13.233 reportlab (4.3.1) - BSD License . . . 509
13.234 requests (2.32.3) - Apache Software License . . . 510
13.235 requests-oauthlib (2.0.0) - BSD License . . . 513
13.236 rfc3339-validator (0.1.4) - MIT License . . . 513
13.237 rfc3986-validator (0.1.1) - MIT License . . . 514
13.238 rich (13.9.4) - MIT License . . . 514

13.239 rich-click (1.8.8) - MIT License . . . 515
13.240 rich-toolkit (0.13.2) - MIT License . . . 516
13.241 roman-numerals-py (3.1.0) - CC0 1.0 Universal (CC0 1.0) Public Domain Dedication; Zero-Clause BSD (0BSD) . . . 516
13.242 rpds-py (0.23.1) - MIT . . . 519
13.243 ruamel.yaml (0.18.10) - MIT License . . . 519
13.244 ruff (0.11.2) - MIT License . . . 520
13.245 setuptools (76.0.0) - MIT License . . . 545
13.246 shellingham (1.5.4) - ISC License (ISCL) . . . 546
13.247 six (1.17.0) - MIT License . . . 546
13.248 smmap (5.0.2) - BSD License . . . 547
13.249 sniffio (1.3.1) - Apache Software License; MIT License . . . 548
13.250 snowballstemmer (2.2.0) - BSD License . . . 548
13.251 sortedcontainers (2.4.0) - Apache Software License . . . 549
13.252 soupsieve (2.6) - MIT License . . . 549
13.253 sphinx-autobuild (2024.10.3) - MIT License . . . 550
13.254 sphinx-autodoc-typehints (3.1.0) - MIT License . . . 550
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13.262 sphinx_inline_tabs (2023.4.21) - UNKNOWN . . . 555
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13.266 sphinxcontrib-devhelp (2.0.0) - BSD License . . . 557
13.267 sphinxcontrib-htmlhelp (2.1.0) - BSD License . . . 557
13.268 sphinxcontrib-jquery (4.1) - BSD License . . . 557
13.269 sphinxcontrib-jsmath (1.0.1) - BSD License . . . 557
13.270 sphinxcontrib-qthelp (2.0.0) - BSD License . . . 558
13.271 sphinxcontrib-serializinghtml (2.0.0) - BSD License . . . 558
13.272 sphinxext-opengraph (0.9.1) - BSD License . . . 558
13.273 sse-starlette (2.2.1) - BSD License . . . 559
13.274 stack-data (0.6.3) - MIT License . . . 560
13.275 standard-imghdr (3.10.14) - Python Software Foundation License . . . 560
13.276 starbridge (0.10.10) - MIT License . . . 561
13.277 starlette (0.46.1) - BSD License . . . 562
13.278 streamlit (1.44.1) - Apache Software License . . . 563
13.279 strip-markdown (1.3) - MIT License . . . 563
13.280 svglib (1.5.1) - GNU Lesser General Public License v3 (LGPLv3) . . . 563
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13.282 sympy (1.13.3) - BSD License . . . 570
13.283 tabulate (0.9.0) - MIT License . . . 573
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13.286 tinycss2 (1.4.0) - BSD License . . . 578
13.287 toml (0.10.2) - MIT License . . . 579
13.288 tomli (2.2.1) - MIT License . . . 580
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13.291 traitlets (5.14.3) - BSD License . . . 585
13.292 typer (0.15.2) - MIT License . . . 585
13.293 types-PyYAML (6.0.12.20250402) - UNKNOWN . . . 586
13.294 types-python-dateutil (2.9.0.20241206) - Apache Software License . . . 590
13.295 types-requests (2.32.0.20250328) - Apache Software License . . . 595

13.296 typing-inspection (0.4.0) - MIT License . . . 599
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13.298 tzdata (2025.1) - Apache Software License . . . 605
13.299 ujson (5.10.0) - BSD License . . . 605
13.300 uri-template (1.3.0) - MIT License . . . 608
13.301 urllib3 (2.3.0) - MIT License . . . 608
13.302 uv (0.6.6) - Apache Software License; MIT License . . . 609
13.303 uvicorn (0.34.0) - BSD License . . . 613
13.304 uvloop (0.21.0) - Apache Software License; MIT License . . . 613
13.305 virtualenv (20.29.3) - MIT License . . . 617
13.306 watchdog (6.0.0) - Apache Software License . . . 618
13.307 watchfiles (1.0.4) - MIT License . . . 618
13.308 wcmatch (10.0) - MIT License . . . 619
13.309 wcwidth (0.2.13) - MIT License . . . 619
13.310 webcolors (24.11.1) - BSD License . . . 620
13.311 webencodings (0.5.1) - BSD License . . . 621
13.312 websocket-client (1.8.0) - Apache Software License . . . 621
13.313 websockets (15.0.1) - BSD License . . . 625
13.314 widgetsnbextension (4.0.13) - BSD License . . . 625
13.315 wrapt (1.17.2) - BSD License . . . 626
13.316 zipp (3.21.0) - MIT License . . . 627

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Integrates Claude Desktop with the web, Google and Atlassian workspaces.

1. **Make Claude a team member**: Makes Claude an informed member of your organisation by accessing your organization's key knowledge resources.
2. **Integrate research and knowlege management**: Enables your teams to contribute, refine, and maintain your organisation's knowledge resources within Claude - seamlessly integrating research and sharing knowledge.
3. **Improve efficiency**: Automate repetitive workflows such as generating Confluence pages from Google Docs.

- "Create a page about road cycling, focusing on Canyon bikes, in the personal confluence space of Helmut."

CHAPTER

ONE

SETUP

If you already have uv[1] package manager and Claude Desktop[2] installed on your Mac:

```
# Installs starbridge in an isolated Python environment
# Auto-injects configuration into Claude Desktop
uvx starbridge install
```

If you first need to install uv:

```
if ! command -v brew &> /dev/null; then # Install Homebrew
   /bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.
↪sh)"
fi
brew install uv # Install uv via Homebrew
uvx starbridge install # Install starbridge via uv
```

If you want to install starbridge with the imaging extra

```
uvx --with "starbridge[imaging]" starbridge install
```

You can as well run Starbridge with Docker[3].

[1] https://astral.sh/uv
[2] https://claude.ai/download
[3] https://starbridge.readthedocs.io/en/latest/docker.html

CHAPTER

TWO

MCP SERVER

Starbridge implements the MCP Server[4] interface, with Claude acting as an MCP client.

2.1 Resources

[TODO: Document resources exposed to Claude Desktop]

2.2 Prompts

[TODO: Document prompts exposed to Claude Desktop]

2.3 Tools

[TODO: Document tools exposed to Claude Desktop]

[4] https://modelcontextprotocol.io/docs/concepts/architecture

CHAPTER

THREE

CLI

[TODO: Document CLI commands]

CHAPTER

FOUR

OPERATIONAL EXCELLENCE

This project is designed with operational excellence in mind, using modern Python tooling and practices. It includes:

1. Complete reference documentation of the CLI[5] and of the library[6] on Read the Docs
2. Transparent test coverage[7] including unit and E2E tests (reported on Codecov)
3. Matrix tested with multiple python versions[8] to ensure compatibility (powered by Nox[9])
4. Compliant with modern linting and formatting standards (powered by Ruff[10])
5. Up-to-date dependencies (monitored by Renovate[11] and Dependabot[12])
6. A-grade code quality[13] in security, maintainability, and reliability with low technical debt and codesmell (verified by SonarQube)
7. Additional code security checks using CodeQL[14]
8. Security Policy
9. License compliant with the Open Source Initiative (OSI)
10. 1-liner for installation and execution of command line interface (CLI) via uv(x)[15] or Docker[16]
11. Setup for developing inside a devcontainer[17] included (supports VSCode and GitHub Codespaces)

[5] https://starbridge.readthedocs.io/en/latest/cli_reference.html
[6] https://starbridge.readthedocs.io/en/latest/lib_reference.html
[7] https://app.codecov.io/gh/helmut-hoffer-von-ankershoffen/starbridge
[8] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/blob/main/noxfile.py
[9] https://nox.thea.codes/en/stable/
[10] https://github.com/astral-sh/ruff
[11] https://github.com/renovatebot/renovate
[12] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/security/dependabot
[13] https://sonarcloud.io/summary/new_code?id=helmut-hoffer-von-ankershoffen_starbridge
[14] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/security/code-scanning
[15] https://github.com/astral-sh/uv
[16] https://hub.docker.com/r/helmuthva/starbridge/tags
[17] https://code.visualstudio.com/docs/devcontainers/containers

CHAPTER

FIVE

STARBRIDGE WITHIN DOCKER

5.1 Install for Claude

Executing the below will (1) pull the Starbridge Docker image from Docker.io[18], (2) prompt you for required configuration settings, and (3) update the configuration of the Claude Desktop application to connect with the Starbridge MCP server.

```
case "$OSTYPE" in
  darwin*) SRC="$HOME/Library/Application Support/Claude" ;;
  linux*) SRC="$HOME/.config/Claude" ;;
  win32*|cygwin*|msys*) SRC="%APPDATA%/Claude" ;;
  *) echo "Unsupported OS"; exit 1 ;;
esac
docker run -it --pull always --mount type=bind,src="$SRC",dst="/Claude" helmuthva/starbridge␣
↪install
```

Note:

- Restart the Claude Desktop application for the updated configuration to take effect.
- helmuthva/hva[19] is a multi-arch image, supporting both x86 and Arm64 chips.
- Not tested on Windows

5.2 Running standalone

Show commands and their help

```
docker run helmuthva/starbridge --help
```

Determine health

```
docker run helmuthva/starbridge health
```

This will indicate which environment variables to set.

```
docker run \
  -e STARBRIDGE_ATLASSIAN_URL=https://your-domain.atlassian.net \
  -e STARBRIDGE_ATLASSIAN_EMAIL_ADDRESS=your-email@domain.com \
  -e STARBRIDGE_ATLASSIAN_API_TOKEN=your-api-token \
  helmuthva/starbridge health
```

Alternatively manage the settings via an .env file on the host

[18] https://hub.docker.com/repository/docker/helmuthva/starbridge
[19] https://hub.docker.com/repository/docker/helmuthva/starbridge

```
# cp .env.example .env && nano .env
docker run --env-file=.env helmuthva/starbridge health
```

Run inspector to interact with the server via the MCP protocol - point your browser to https://127.0.0.1:5173.

```
docker run --env-file=.env -it  -p 127.0.0.1:5173:5173 -p 127.0.0.1:3000:3000 helmuthva/
↪starbridge mcp inspect
```

List Confluence spaces:

```
docker run --env-file=.env helmuthva/starbridge confluence space list
```

Start the MCP Server on given host and port

```
docker run --env-file=.env helmuthva/starbridge mcp serve --host=localhost --port=8080
```

5.3 Build and install Docker image from source

Build the Docker image:

```
docker build -t starbridge .
```

Install the locally built Docker image

```
case "$OSTYPE" in
  darwin*) CLAUDE_CONFIG_PATH="$HOME/Library/Application Support/Claude" ;;
  linux*) CLAUDE_CONFIG_PATH="$HOME/.config/Claude" ;;
  win32*|cygwin*|msys*) CLAUDE_CONFIG_PATH="%APPDATA%/Claude" ;;
  *) echo "Unsupported OS"; exit 1 ;;
esac
docker run -it --mount type=bind,src="$CLAUDE_CONFIG_PATH",dst="/Claude/.config" starbridge␣
↪install --image starbridge
```

Enter starbridge container via bash for inspection:

```
docker run --env-file=.env -it --entrypoint bash starbridge
```

Enter running starbridge container:

```
docker exec -it $(docker ps | awk '$2 ~ /starbridge/ {print $1}') bash
```

Check logs:

```
docker logs -f $(docker ps | awk '$2 ~ /starbridge/ {print $1}')
```

Run MCP Inspector connected to Starbridge MCP Server

```
docker run --env-file=.env -it  -p 127.0.0.1:5173:5173 -p 127.0.0.1:3000:3000 starbridge mcp␣
↪inspect
```

Or use docker compose

File .env is passed through

```
docker compose up # starts inspector
docker compose run starbridge --help
docker compose run starbridge health
```

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```
docker compose run starbridge info
docker compose run starbridge mcp tools
```

CHAPTER

SIX

CLI REFERENCE

Run MCP Server - alias for 'mcp serve'.

Args: ctx (typer.Context): Typer context host (str): Host to run the server on port (int): Port to run the server on debug (bool): Debug mode env (list): Environment variables in key=value format. Can be used multiple times in one call. Only **STARBRIDGE_** prefixed vars are used. Example –env 'STARBRIDGE_ATLASSIAN_URL="https://your-domain.atlassian.net" –env STARBRIDGE_ATLASSIAN_EMAIL="YOUR_EMAIL"'

Usage:

```
$ starbridge [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--host TEXT`: Host to run the server on
- `--port INTEGER`: Port to run the server on
- *–debug / –no-debug*: Debug mode [default: debug]
- *–env TEXT*: Environment variables in key=value format. Can be used multiple times in one call. Only **STARBRIDGE_** prefixed vars are evaluated. Example –env STARBRIDGE_ATLASSIAN_URL="https://your-domain.atlassian.net" –env STARBRIDGE_ATLASSIAN_EMAIL="YOUR_EMAIL"
- `--install-completion`: Install completion for the current shell.
- `--show-completion`: Show completion for the current shell, to copy it or customize the installation.
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Check health of services and their…
- `info`: Info about Starbridge and it's environment.
- `create-dot-env`: Create .env file for Starbridge.
- `install`: Install starbridge within Claude Desktop…
- `uninstall`: Uninstall starbridge from Claude Desktop…
- `claude`: Claude Desktop application operations
- `Starbridge CLI`: Run MCP Server - alias for 'mcp serve'.
- `confluence`: Confluence operations
- `hello`: Hello operations
- `mcp`: MCP operations
- `search`: Search operations

- `web`: Web operations

6.1 starbridge health

Check health of services and their dependencies.

Usage:

```
$ starbridge health [OPTIONS]
```

Options:

- *–json / –no-json*: Output health as JSON [default: no-json]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.2 starbridge info

Info about Starbridge and it's environment.

Usage:

```
$ starbridge info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.3 starbridge create-dot-env

Create .env file for Starbridge. You will be prompted for settings.

Raises: RuntimeError: If not running in development mode.

Usage:

```
$ starbridge create-dot-env [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.4 starbridge install

Install starbridge within Claude Desktop application.

Adds starbridge configuration and restarts Claude Desktop app.

Args: restart_claude (bool): Restart Claude Desktop application post installation image (str): Docker image to use for Starbridge. Only applies if started as container

Usage:

```
$ starbridge install [OPTIONS]
```

Options:

- *–restart-claude / –no-restart-claude*: Restart Claude Desktop application post installation [default: restart-claude]
- *–image TEXT*: Docker image to use for Starbridge. Only applies if started as container. [default: helmuthva/starbridge:latest]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.5 `starbridge uninstall`

Uninstall starbridge from Claude Desktop application.

Removes starbridge configuration and restarts Claude Desktop app.

Args: restart_claude (bool): Restart Claude Desktop application post installation

Usage:

```
$ starbridge uninstall [OPTIONS]
```

Options:

- *–restart-claude / –no-restart-claude*: Restart Claude Desktop application post installation [default: restart-claude]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.6 `starbridge claude`

Claude Desktop application operations

Usage:

```
$ starbridge claude [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Health of Claude.
- `info`: Info about Claude.
- `config`: Print config of Claude Desktop application.
- `log`: Show logs.
- `restart`: Restart Claude Desktop application.

6.6.1 `starbridge claude health`

Health of Claude.

Usage:

```
$ starbridge claude health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.6.2 `starbridge claude info`

Info about Claude.

Usage:

```
$ starbridge claude info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.6.3 `starbridge claude config`

Print config of Claude Desktop application.

Usage:

```
$ starbridge claude config [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.6.4 `starbridge claude log`

Show logs.

Args: tail: Tail logs last: Number of lines to show name: Name of the MCP server - use 'main' for main mcp.log of Claude Desktop application

Usage:

```
$ starbridge claude log [OPTIONS]
```

Options:

- *–tail / –no-tail*: Tail logs [default: no-tail]
- *–last INTEGER*: Number of lines to show [default: 100]
- *–name TEXT*: Name of the MCP server - use 'main' for main mcp.log of Claude Desktop application [default: starbridge]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.6.5 `starbridge claude restart`

Restart Claude Desktop application.

Usage:

```
$ starbridge claude restart [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7 starbridge Starbridge CLI

Run MCP Server - alias for 'mcp serve'.

Args: ctx (typer.Context): Typer context host (str): Host to run the server on port (int): Port to run the server on debug (bool): Debug mode env (list): Environment variables in key=value format. Can be used multiple times in one call. Only **STARBRIDGE_** prefixed vars are used. Example –env 'STARBRIDGE_ATLASSIAN_URL="https://your-domain.atlassian.net" –env STARBRIDGE_ATLASSIAN_EMAIL="YOUR_EMAIL"'

Usage:

```
$ starbridge Starbridge CLI [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--host TEXT`: Host to run the server on
- `--port INTEGER`: Port to run the server on
- *–debug / –no-debug*: Debug mode [default: debug]
- *–env TEXT*: Environment variables in key=value format. Can be used multiple times in one call. Only **STARBRIDGE_** prefixed vars are evaluated. Example –env STARBRIDGE_ATLASSIAN_URL="https://your-domain.atlassian.net" –env STARBRIDGE_ATLASSIAN_EMAIL="YOUR_EMAIL"
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Check health of services and their…
- `info`: Info about Starbridge and it's environment.
- `create-dot-env`: Create .env file for Starbridge.
- `install`: Install starbridge within Claude Desktop…
- `uninstall`: Uninstall starbridge from Claude Desktop…
- `claude`: Claude Desktop application operations
- `confluence`: Confluence operations
- `hello`: Hello operations
- `mcp`: MCP operations
- `search`: Search operations
- `web`: Web operations

6.7.1 starbridge Starbridge CLI health

Check health of services and their dependencies.

Usage:

```
$ starbridge Starbridge CLI health [OPTIONS]
```

Options:

- *–json / –no-json*: Output health as JSON [default: no-json]

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.2 `starbridge Starbridge CLI info`

Info about Starbridge and it's environment.

Usage:

```
$ starbridge Starbridge CLI info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.3 `starbridge Starbridge CLI create-dot-env`

Create .env file for Starbridge. You will be prompted for settings.

Raises: RuntimeError: If not running in development mode.

Usage:

```
$ starbridge Starbridge CLI create-dot-env [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.4 `starbridge Starbridge CLI install`

Install starbridge within Claude Desktop application.

Adds starbridge configuration and restarts Claude Desktop app.

Args: restart_claude (bool): Restart Claude Desktop application post installation image (str): Docker image to use for Starbridge. Only applies if started as container

Usage:

```
$ starbridge Starbridge CLI install [OPTIONS]
```

Options:

- *–restart-claude / –no-restart-claude*: Restart Claude Desktop application post installation [default: restart-claude]
- *–image TEXT*: Docker image to use for Starbridge. Only applies if started as container. [default: helmuthva/starbridge:latest]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.5 `starbridge Starbridge CLI uninstall`

Uninstall starbridge from Claude Desktop application.

Removes starbridge configuration and restarts Claude Desktop app.

Args: restart_claude (bool): Restart Claude Desktop application post installation

Usage:

```
$ starbridge Starbridge CLI uninstall [OPTIONS]
```

Options:

- *–restart-claude / –no-restart-claude*: Restart Claude Desktop application post installation [default: restart-claude]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.6 `starbridge Starbridge CLI claude`

Claude Desktop application operations

Usage:

```
$ starbridge Starbridge CLI claude [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Health of Claude.
- `info`: Info about Claude.
- `config`: Print config of Claude Desktop application.
- `log`: Show logs.
- `restart`: Restart Claude Desktop application.

`starbridge Starbridge CLI claude health`

Health of Claude.

Usage:

```
$ starbridge Starbridge CLI claude health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge Starbridge CLI claude info`

Info about Claude.

Usage:

```
$ starbridge Starbridge CLI claude info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI claude config

Print config of Claude Desktop application.

Usage:

```
$ starbridge Starbridge CLI claude config [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI claude log

Show logs.

Args: tail: Tail logs last: Number of lines to show name: Name of the MCP server - use 'main' for main mcp.log of Claude Desktop application

Usage:

```
$ starbridge Starbridge CLI claude log [OPTIONS]
```

Options:

- *–tail / –no-tail*: Tail logs [default: no-tail]
- *–last INTEGER*: Number of lines to show [default: 100]
- *–name TEXT*: Name of the MCP server - use 'main' for main mcp.log of Claude Desktop application [default: starbridge]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI claude restart

Restart Claude Desktop application.

Usage:

```
$ starbridge Starbridge CLI claude restart [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.7 starbridge Starbridge CLI confluence

Confluence operations

Usage:

```
$ starbridge Starbridge CLI confluence [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Health of Confluence.

- `info`: Info about Confluence.
- `mcp`: MCP endpoints.
- `space`: Operations on Confluence spaces.
- `page`: Operations on Confluence pages.

`starbridge Starbridge CLI confluence health`

Health of Confluence.

Usage:

```
$ starbridge Starbridge CLI confluence health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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`starbridge Starbridge CLI confluence info`

Info about Confluence.

Usage:

```
$ starbridge Starbridge CLI confluence info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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`starbridge Starbridge CLI confluence mcp`

MCP endpoints.

Usage:

```
$ starbridge Starbridge CLI confluence mcp [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

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Commands:

- `tools`: List tools exposed via MCP.
- `resources`: List resources exposed via MCP.
- `resource-types`: List resources exposed via MCP.
- `space`: Get space resource as exposed via MCP.
- `prompts`: List prompts exposed via MCP.
- `space-summary`: Prompt to generate summary of spaces.

starbridge Starbridge CLI confluence mcp tools

List tools exposed via MCP.

Usage:

```
$ starbridge Starbridge CLI confluence mcp tools [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence mcp resources

List resources exposed via MCP.

Usage:

```
$ starbridge Starbridge CLI confluence mcp resources [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence mcp resource-types

List resources exposed via MCP.

Usage:

```
$ starbridge Starbridge CLI confluence mcp resource-types [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence mcp space

Get space resource as exposed via MCP.

Usage:

```
$ starbridge Starbridge CLI confluence mcp space [OPTIONS] KEY
```

Arguments:

- `KEY`: Key of the space to retrieve as resource [required]

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence mcp prompts

List prompts exposed via MCP.

Usage:

```
$ starbridge Starbridge CLI confluence mcp prompts [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence mcp space-summary

Prompt to generate summary of spaces.

Args: style (str): Style of summary

Usage:

```
$ starbridge Starbridge CLI confluence mcp space-summary [OPTIONS]
```

Options:

- *–style TEXT*: Style of summary [default: brief]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence space

Operations on Confluence spaces.

Usage:

```
$ starbridge Starbridge CLI confluence space [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `list`: Get info about all space.

starbridge Starbridge CLI confluence space list

Get info about all space.

Usage:

```
$ starbridge Starbridge CLI confluence space list [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence page

Operations on Confluence pages.

Usage:

```
$ starbridge Starbridge CLI confluence page [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `list`: List pages in a space.
- `search`: Search pages in a space.
- `create`: Create a new page.
- `read`: Read a page.
- `update`: Update a page.
- `delete`: Delete a page.

starbridge Starbridge CLI confluence page list

List pages in a space.

Args: space_key (str): Key of the space to list pages from

Usage:

```
$ starbridge Starbridge CLI confluence page list [OPTIONS]
```

Options:

- `--space-key TEXT`: Space key [required]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence page search

Search pages in a space.

Args: query (str): Confluence query language (CQL) query to search for pages

Usage:

```
$ starbridge Starbridge CLI confluence page search [OPTIONS]
```

Options:

- `--query TEXT`: Confluence query language (CQL) query to search for pages [required]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence page create

Create a new page.

Args: space_key (str): Key of the space to create the page in title (str): Title of the page body (str): Body of the page page_id (str): Parent page

Usage:

```
$ starbridge Starbridge CLI confluence page create [OPTIONS]
```

Options:

- `--space-key TEXT`: Space key [required]
- `--title TEXT`: Title of the page [required]

- `--body TEXT`: Body of the page [required]
- `--page-id TEXT`: Parent page id
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence page read

Read a page.

Usage:

```
$ starbridge Starbridge CLI confluence page read [OPTIONS]
```

Options:

- `--page-id TEXT`: Page id
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence page update

Update a page.

Args: page_id (str): Page id title (str): Title of the page body (str): Body of the page

Usage:

```
$ starbridge Starbridge CLI confluence page update [OPTIONS]
```

Options:

- `--page-id TEXT`: Pager id [required]
- `--title TEXT`: Title of the page [required]
- `--body TEXT`: Body of the page [required]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI confluence page delete

Delete a page.

Args: page_id (str): Page id

Usage:

```
$ starbridge Starbridge CLI confluence page delete [OPTIONS]
```

Options:

- `--page-id TEXT`: Pager id [required]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.8 starbridge Starbridge CLI hello

Hello operations

Usage:

```
$ starbridge Starbridge CLI hello [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Health of Hello World.
- `info`: Info about Hello World.
- `hello`: Print Hello World.
- `bridge`: Show image of starbridge.
- `pdf`: Show pdf of starbridge.

starbridge Starbridge CLI hello health

Health of Hello World.

Usage:

```
$ starbridge Starbridge CLI hello health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI hello info

Info about Hello World.

Usage:

```
$ starbridge Starbridge CLI hello info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI hello hello

Print Hello World.

Args: locale (str): Locale to use

Usage:

```
$ starbridge Starbridge CLI hello hello [OPTIONS]
```

Options:

- *–locale TEXT*: Locale to use [default: en_US]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge Starbridge CLI hello bridge`

Show image of starbridge.

Args: dump (bool): If set, will dump to file starbridge.png in current working directory. Defaults to opening viewer to show the image.

Usage:

```
$ starbridge Starbridge CLI hello bridge [OPTIONS]
```

Options:

- *–dump / –no-dump*: If set, will dump to file starbridge.png in current working directory. Defaults to opening viewer to show the image. [default: no-dump]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge Starbridge CLI hello pdf`

Show pdf of starbridge.

Args: dump (bool): If set, will dump to file starbridge.pdf in current working directory. Defaults to opening viewer to show the document.

Usage:

```
$ starbridge Starbridge CLI hello pdf [OPTIONS]
```

Options:

- *–dump / –no-dump*: If set, will dump to file starbridge.pdf in current working directory. Defaults to opening viewer to show the document. [default: no-dump]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.9 `starbridge Starbridge CLI mcp`

MCP operations

Usage:

```
$ starbridge Starbridge CLI mcp [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Check health of the services and their…
- `services`: Services exposed by modules.
- `tools`: Tools exposed by modules.
- `tool`: Get tool by name with optional arguments.
- `resources`: Resources exposed by modules.
- `resource`: Get resource by URI.

- `prompts`: Prompts exposed by modules.
- `prompt`: Get a prompt by name with optional arguments.
- `resource-types`: Resource types exposed by modules.
- `serve`: Run MCP server.
- `inspect`: Run inspector.

starbridge Starbridge CLI mcp health

Check health of the services and their dependencies.

Usage:

```
$ starbridge Starbridge CLI mcp health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp services

Services exposed by modules.

Usage:

```
$ starbridge Starbridge CLI mcp services [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp tools

Tools exposed by modules.

Usage:

```
$ starbridge Starbridge CLI mcp tools [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp tool

Get tool by name with optional arguments.

Args: name (str): Name of the tool arguments (list): Arguments in key=value format

Usage:

```
$ starbridge Starbridge CLI mcp tool [OPTIONS] NAME
```

Arguments:

- `NAME`: [required]

Options:

- `--arguments TEXT`: Arguments in key=value format

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp resources

Resources exposed by modules.

Usage:

```
$ starbridge Starbridge CLI mcp resources [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp resource

Get resource by URI.

Args: uri (str): URI of the resources

Usage:

```
$ starbridge Starbridge CLI mcp resource [OPTIONS] URI
```

Arguments:

- `URI`: [required]

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp prompts

Prompts exposed by modules.

Usage:

```
$ starbridge Starbridge CLI mcp prompts [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp prompt

Get a prompt by name with optional arguments.

Args: name (str): Name of the prompt arguments (list): Arguments in key=value format

Usage:

```
$ starbridge Starbridge CLI mcp prompt [OPTIONS] NAME
```

Arguments:

- `NAME`: [required]

Options:

- `--arguments TEXT`: Arguments in key=value format

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp resource-types

Resource types exposed by modules.

Usage:

```
$ starbridge Starbridge CLI mcp resource-types [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp serve

Run MCP server.

Args: host (str): Host to run the server on port (int): Port to run the server on debug (bool): Debug mode env (list): Environment variables in key=value format. Can be used multiple times in one call. Only `STARBRIDGE_` prefixed vars are used. Example –env `STARBRIDGE_ATLASSIAN_URL="https://your-domain.atlassian.net" --env STARBRIDGE_ATLASSIAN_EMAIL="YOUR_EMAIL"`

Usage:

```
$ starbridge Starbridge CLI mcp serve [OPTIONS]
```

Options:

- `--host TEXT`: Host to run the server on
- `--port INTEGER`: Port to run the server on
- *–debug / –no-debug*: Debug mode [default: debug]
- *–env TEXT*: Environment variables in key=value format. Can be used multiple times in one call. Only **STARBRIDGE_** prefixed vars are used. Example –env STARBRIDGE_ATLASSIAN_URL="https://your-domain.atlassian.net" –env STARBRIDGE_ATLASSIAN_EMAIL="YOUR_EMAIL"
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge Starbridge CLI mcp inspect

Run inspector.

Usage:

```
$ starbridge Starbridge CLI mcp inspect [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.10 `starbridge Starbridge CLI search`

Search operations

Usage:

```
$ starbridge Starbridge CLI search [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Health of the search module.
- `info`: Info about the search module.
- `web`: Search the web.

`starbridge Starbridge CLI search health`

Health of the search module.

Usage:

```
$ starbridge Starbridge CLI search health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge Starbridge CLI search info`

Info about the search module.

Usage:

```
$ starbridge Starbridge CLI search info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge Starbridge CLI search web`

Search the web.

Args: q (str): Query

Usage:

```
$ starbridge Starbridge CLI search web [OPTIONS] Q
```

Arguments:

- `Q`: Query [required]

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.7.11 `starbridge Starbridge CLI web`

Web operations

Usage:

```
$ starbridge Starbridge CLI web [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Health of the web module.
- `info`: Info about the web module.
- `get`: Fetch content from the world wide web via…

`starbridge Starbridge CLI web health`

Health of the web module.

Usage:

```
$ starbridge Starbridge CLI web health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge Starbridge CLI web info`

Info about the web module.

Usage:

```
$ starbridge Starbridge CLI web info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge Starbridge CLI web get`

Fetch content from the world wide web via HTTP GET.

Converts to content type as a best effort, extracts links, and provides additional context.

Args: url (str): URL to fetch accept_language (str): Accept-Language header value to send in the request transform_to_markdown (bool): if possible transform content to markdown extract_links (bool): include extracted links in the response additional_context (bool): include additional context in the response llms_full_txt (bool): provide llms-full.txt in contexts force_not_respecting_robots_txt (bool): do not respect robots.txt If False, the agent will respect robots.txt if the environment variable STARBRIDGE_WEB_RESPPECT_ROBOTS_TXT is set to 1. Defaults to False

Usage:

```
$ starbridge Starbridge CLI web get [OPTIONS] URL
```

Arguments:

- `URL`: URL to fetch [required]

Options:

- *–accept-language TEXT*: Accept-Language header value to send in the request [default: en-US,en;q=0.9,de;q=0.8]
- *–transform-to-markdown / –no-transform-to-markdown*: if possible transform content to markdown [default: transform-to-markdown]
- *–extract-links / –no-extract-links*: include extracted links in the response [default: extract-links]
- *–additional-context / –no-additional-context*: include additional context in the response [default: additional-context]
- *–llms-full-txt / –no-llms-full-txt*: provide llms-full.txt in contexts [default: no-llms-full-txt]
- `--force-not-respecting-robots-txt`: Force not respecting robots.txt. If True, the agent will ignore robots.txt.If False, the agent will respect robots.txt if the environment variableSTARBRIDGE_WEB_RESPPECT_ROBOTS_TXT is set to 1.Defaults to False.
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.8 `starbridge confluence`

Confluence operations

Usage:

```
$ starbridge confluence [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Health of Confluence.
- `info`: Info about Confluence.
- `mcp`: MCP endpoints.
- `space`: Operations on Confluence spaces.
- `page`: Operations on Confluence pages.

6.8.1 `starbridge confluence health`

Health of Confluence.

Usage:

```
$ starbridge confluence health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.8.2 `starbridge confluence info`

Info about Confluence.

Usage:

```
$ starbridge confluence info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.8.3 `starbridge confluence mcp`

MCP endpoints.

Usage:

```
$ starbridge confluence mcp [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `tools`: List tools exposed via MCP.
- `resources`: List resources exposed via MCP.
- `resource-types`: List resources exposed via MCP.
- `space`: Get space resource as exposed via MCP.
- `prompts`: List prompts exposed via MCP.
- `space-summary`: Prompt to generate summary of spaces.

`starbridge confluence mcp tools`

List tools exposed via MCP.

Usage:

```
$ starbridge confluence mcp tools [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge confluence mcp resources`

List resources exposed via MCP.

Usage:

```
$ starbridge confluence mcp resources [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge confluence mcp resource-types

List resources exposed via MCP.

Usage:

```
$ starbridge confluence mcp resource-types [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge confluence mcp space

Get space resource as exposed via MCP.

Usage:

```
$ starbridge confluence mcp space [OPTIONS] KEY
```

Arguments:

- `KEY`: Key of the space to retrieve as resource [required]

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge confluence mcp prompts

List prompts exposed via MCP.

Usage:

```
$ starbridge confluence mcp prompts [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge confluence mcp space-summary

Prompt to generate summary of spaces.

Args: style (str): Style of summary

Usage:

```
$ starbridge confluence mcp space-summary [OPTIONS]
```

Options:

- *–style TEXT*: Style of summary [default: brief]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.8.4 starbridge confluence space

Operations on Confluence spaces.

Usage:

```
$ starbridge confluence space [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `list`: Get info about all space.

starbridge confluence space list

Get info about all space.

Usage:

```
$ starbridge confluence space list [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.8.5 starbridge confluence page

Operations on Confluence pages.

Usage:

```
$ starbridge confluence page [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `list`: List pages in a space.
- `search`: Search pages in a space.
- `create`: Create a new page.
- `read`: Read a page.
- `update`: Update a page.
- `delete`: Delete a page.

starbridge confluence page list

List pages in a space.

Args: space_key (str): Key of the space to list pages from

Usage:

```
$ starbridge confluence page list [OPTIONS]
```

Options:

- `--space-key TEXT`: Space key [required]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge confluence page search`

Search pages in a space.

Args: query (str): Confluence query language (CQL) query to search for pages

Usage:

```
$ starbridge confluence page search [OPTIONS]
```

Options:

- `--query TEXT`: Confluence query language (CQL) query to search for pages [required]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge confluence page create`

Create a new page.

Args: space_key (str): Key of the space to create the page in title (str): Title of the page body (str): Body of the page page_id (str): Parent page

Usage:

```
$ starbridge confluence page create [OPTIONS]
```

Options:

- `--space-key TEXT`: Space key [required]
- `--title TEXT`: Title of the page [required]
- `--body TEXT`: Body of the page [required]
- `--page-id TEXT`: Parent page id
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

`starbridge confluence page read`

Read a page.

Usage:

```
$ starbridge confluence page read [OPTIONS]
```

Options:

- `--page-id TEXT`: Page id
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge confluence page update

Update a page.

Args: page_id (str): Page id title (str): Title of the page body (str): Body of the page

Usage:

```
$ starbridge confluence page update [OPTIONS]
```

Options:

- `--page-id TEXT`: Pager id [required]
- `--title TEXT`: Title of the page [required]
- `--body TEXT`: Body of the page [required]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

starbridge confluence page delete

Delete a page.

Args: page_id (str): Page id

Usage:

```
$ starbridge confluence page delete [OPTIONS]
```

Options:

- `--page-id TEXT`: Pager id [required]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.9 starbridge hello

Hello operations

Usage:

```
$ starbridge hello [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

Commands:

- `health`: Health of Hello World.
- `info`: Info about Hello World.
- `hello`: Print Hello World.
- `bridge`: Show image of starbridge.
- `pdf`: Show pdf of starbridge.

6.9.1 `starbridge hello health`

Health of Hello World.

Usage:

```
$ starbridge hello health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.9.2 `starbridge hello info`

Info about Hello World.

Usage:

```
$ starbridge hello info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.9.3 `starbridge hello hello`

Print Hello World.

Args: locale (str): Locale to use

Usage:

```
$ starbridge hello hello [OPTIONS]
```

Options:

- *–locale TEXT*: Locale to use [default: en_US]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.9.4 `starbridge hello bridge`

Show image of starbridge.

Args: dump (bool): If set, will dump to file starbridge.png in current working directory. Defaults to opening viewer to show the image.

Usage:

```
$ starbridge hello bridge [OPTIONS]
```

Options:

- *–dump / –no-dump*: If set, will dump to file starbridge.png in current working directory. Defaults to opening viewer to show the image. [default: no-dump]
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

6.9.5 `starbridge hello pdf`

Show pdf of starbridge.

Args: dump (bool): If set, will dump to file starbridge.pdf in current working directory. Defaults to opening viewer to show the document.

Usage:

```
$ starbridge hello pdf [OPTIONS]
```

Options:

- *–dump / –no-dump*: If set, will dump to file starbridge.pdf in current working directory. Defaults to opening viewer to show the document. [default: no-dump]
- `--help`: Show this message and exit.

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6.10 `starbridge mcp`

MCP operations

Usage:

```
$ starbridge mcp [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

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Commands:

- `health`: Check health of the services and their…
- `services`: Services exposed by modules.
- `tools`: Tools exposed by modules.
- `tool`: Get tool by name with optional arguments.
- `resources`: Resources exposed by modules.
- `resource`: Get resource by URI.
- `prompts`: Prompts exposed by modules.
- `prompt`: Get a prompt by name with optional arguments.
- `resource-types`: Resource types exposed by modules.
- `serve`: Run MCP server.
- `inspect`: Run inspector.

6.10.1 `starbridge mcp health`

Check health of the services and their dependencies.

Usage:

```
$ starbridge mcp health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.10.2 `starbridge mcp services`

Services exposed by modules.

Usage:

```
$ starbridge mcp services [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.10.3 `starbridge mcp tools`

Tools exposed by modules.

Usage:

```
$ starbridge mcp tools [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.10.4 `starbridge mcp tool`

Get tool by name with optional arguments.

Args: name (str): Name of the tool arguments (list): Arguments in key=value format

Usage:

```
$ starbridge mcp tool [OPTIONS] NAME
```

Arguments:

- `NAME`: [required]

Options:

- `--arguments TEXT`: Arguments in key=value format
- `--help`: Show this message and exit.

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6.10.5 `starbridge mcp resources`

Resources exposed by modules.

Usage:

```
$ starbridge mcp resources [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.10.6 starbridge mcp resource

Get resource by URI.

Args: uri (str): URI of the resources

Usage:

```
$ starbridge mcp resource [OPTIONS] URI
```

Arguments:

- `URI`: [required]

Options:

- `--help`: Show this message and exit.

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6.10.7 starbridge mcp prompts

Prompts exposed by modules.

Usage:

```
$ starbridge mcp prompts [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.10.8 starbridge mcp prompt

Get a prompt by name with optional arguments.

Args: name (str): Name of the prompt arguments (list): Arguments in key=value format

Usage:

```
$ starbridge mcp prompt [OPTIONS] NAME
```

Arguments:

- `NAME`: [required]

Options:

- `--arguments TEXT`: Arguments in key=value format
- `--help`: Show this message and exit.

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6.10.9 starbridge mcp resource-types

Resource types exposed by modules.

Usage:

```
$ starbridge mcp resource-types [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.10.10 `starbridge mcp serve`

Run MCP server.

Args: host (str): Host to run the server on port (int): Port to run the server on debug (bool): Debug mode env (list): Environment variables in key=value format. Can be used multiple times in one call. Only `STARBRIDGE_` prefixed vars are used. Example –env `STARBRIDGE_ATLASSIAN_URL="https://your-domain.atlassian.net" --env STARBRIDGE_ATLASSIAN_EMAIL="YOUR_EMAIL"`

Usage:

```
$ starbridge mcp serve [OPTIONS]
```

Options:

- `--host TEXT`: Host to run the server on
- `--port INTEGER`: Port to run the server on
- *–debug / –no-debug*: Debug mode [default: debug]
- *–env TEXT*: Environment variables in key=value format. Can be used multiple times in one call. Only **STARBRIDGE_** prefixed vars are used. Example –env STARBRIDGE_ATLASSIAN_URL="https://your-domain.atlassian.net" –env STARBRIDGE_ATLASSIAN_EMAIL="YOUR_EMAIL"
- `--help`: Show this message and exit.

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6.10.11 `starbridge mcp inspect`

Run inspector.

Usage:

```
$ starbridge mcp inspect [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.11 `starbridge search`

Search operations

Usage:

```
$ starbridge search [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

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Commands:

- `health`: Health of the search module.
- `info`: Info about the search module.
- `web`: Search the web.

6.11.1 `starbridge search health`

Health of the search module.

Usage:

```
$ starbridge search health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.11.2 `starbridge search info`

Info about the search module.

Usage:

```
$ starbridge search info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.11.3 `starbridge search web`

Search the web.

Args: q (str): Query

Usage:

```
$ starbridge search web [OPTIONS] Q
```

Arguments:

- `Q`: Query [required]

Options:

- `--help`: Show this message and exit.

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6.12 `starbridge web`

Web operations

Usage:

```
$ starbridge web [OPTIONS] COMMAND [ARGS]...
```

Options:

- `--help`: Show this message and exit.

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Commands:

- `health`: Health of the web module.
- `info`: Info about the web module.

- `get`: Fetch content from the world wide web via…

6.12.1 `starbridge web health`

Health of the web module.

Usage:

```
$ starbridge web health [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.12.2 `starbridge web info`

Info about the web module.

Usage:

```
$ starbridge web info [OPTIONS]
```

Options:

- `--help`: Show this message and exit.

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6.12.3 `starbridge web get`

Fetch content from the world wide web via HTTP GET.

Converts to content type as a best effort, extracts links, and provides additional context.

Args: url (str): URL to fetch accept_language (str): Accept-Language header value to send in the request transform_to_markdown (bool): if possible transform content to markdown extract_links (bool): include extracted links in the response additional_context (bool): include additional context in the response llms_full_txt (bool): provide llms-full.txt in contexts force_not_respecting_robots_txt (bool): do not respect robots.txt If False, the agent will respect robots.txt if the environment variable STARBRIDGE_WEB_RESPPECT_ROBOTS_TXT is set to 1. Defaults to False

Usage:

```
$ starbridge web get [OPTIONS] URL
```

Arguments:

- `URL`: URL to fetch [required]

Options:

- *–accept-language TEXT*: Accept-Language header value to send in the request [default: en-US,en;q=0.9,de;q=0.8]
- *–transform-to-markdown / –no-transform-to-markdown*: if possible transform content to markdown [default: transform-to-markdown]
- *–extract-links / –no-extract-links*: include extracted links in the response [default: extract-links]
- *–additional-context / –no-additional-context*: include additional context in the response [default: additional-context]
- *–llms-full-txt / –no-llms-full-txt*: provide llms-full.txt in contexts [default: no-llms-full-txt]

- `--force-not-respecting-robots-txt`: Force not respecting robots.txt. If True, the agent will ignore robots.txt.If False, the agent will respect robots.txt if the environment variableSTARBRIDGE_WEB_RESPPECT_ROBOTS_TXT is set to 1.Defaults to False.
- `--help`: Show this message and exit.

⭐ Starbridge v0.10.10 - built with love in Berlin 🐻

CHAPTER

SEVEN

LIBRARY REFERENCE

⭐ Integrates Claude Desktop with the web, Google and Atlassian workspaces.

CHAPTER

EIGHT

CONTRIBUTING

Thank you for considering contributing to Starbridge!

8.1 Setup

Install or update tools required for development:

```
# Install Homebrew, uv package manager, copier and further dev tools
curl -LsSf https://raw.githubusercontent.com/helmut-hoffer-von-ankershoffen/oe-python-
↪template/HEAD/install.sh | sh
```

Create a fork[20] and clone your fork using `git clone URL_OF_YOUR_CLONE`. Then change into the directory of your local Starbridge repository with `cd starbridge`.

If you are one of the committers of https://github.com/helmut-hoffer-von-ankershoffen/starbridge you can directly clone via `git clone git@github.com:helmut-hoffer-von-ankershoffen/starbridge.git` and `cd starbridge`.

8.2 Configuration

You can use the following helper command to create the .env file. This will prompt you for the required configuration values.

```
uv run starbridge configure # creates .env file
```

You can validate starbridge is working correctly by checking the health endpoint

```
uv run starbridge health # shows healtiness of starbridge including dependencies
```

To see all commands starvridge offers you can call `uv run starbridge --help`

8.3 Debugging

Inspect starbridge using the MCP inspector

```
uv run starbridge mcp inspect
```

Upon launching, the Inspector will display a URL that you can access in your browser to begin debugging. Environment values are loaded from the `.env` file generated in the previous step

[20] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/fork

8.4 Installing the development version of starbridge with Claude Desktop application

You can use the following helper command to install the development version of starbridge with Claude Desktop application. This will amend the configuration file of Claude Desktop to reference your local repository, and restart Claude Desktop.

```
uv run starbridge install
```

8.5 Code and configuration changes

For the Claude Desktop app to pick up code changes to starbridge restart the Claude Desktop application with `uv run starbridge claude restart`.

If you added additional configuration keys in .env.template, run `uv run starbridge configure` again, to update the .env file. After that run `uv run starbridge install` to install the updated configuration with the Claude Desktop application.

To show the configuration of starbridge within Claude, you can use `uv run starbridge claude config`.

8.6 Directory Layout

```
├── Makefile               # Central entrypoint for build, test, release and deploy
├── noxfile.py             # Noxfile for running tests in multiple python environments and␣
↪other tasks
├── .pre-commit-config.yaml # Definition of hooks run on commits
├── .github/               # GitHub specific files
│   ├── workflows/         # GitHub Actions workflows
│   ├── prompts/           # Custom prompots for GitHub Copilot
│   └── copilot-instructions.md # Insructions for GitHub Copilot
├── .vscode/               # Recommended VSCode settings and extensions
├── .env                   # Environment variables, on .gitignore
├── .env.example           # Example environment variables
src/starbridge/            # Source code
tests/                   # Unit and E2E tests
docs/                    # Documentation
├── partials/*.md        # Partials to compile README.md,  _main partial included in HTML and␣
↪PDF documentation
├── ../README.md         # Compiled README.md shown on GitHub
├── source/*.rst         # reStructuredText files used to generate HTML and PDF documentation
├── ../*.md              # Markdown files shown on GitHub and imported by .rst files
├── source/conf.py       # Sphinx configuration used to generate HTML and PDF documentation
├── build/html/*         # Generated HTML documentation as multiple pages
├── build/singlehtml/index.html # HTML documentation as a single page
└── build/latex/starbridge.pdf # PDF manual - generate with make docs pdf
examples/                # Example code demonstrating use of the project
├── streamlit.py         # Streamlit App, deployed in Streamlit Community Cloud
├── notebook.py          # Marimo notebook
├── notebook.ipynb       # Jupyter notebook
└── script.py            # Minimal script
reports/                 # Compliance reports for auditing
├── junit.xml            # Report of test executions run with pytest
├── mypy_junit.xml       # Report of static typing validation run with mypy
├── coverage.xml         # Test coverage in XML format generated by pytest-cov
├── coverage_html        # Report of test coverage in HTML format
├── licenses.csv         # List of dependencies and their license types
```

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```
├── licenses.json        # .json file with dependencies their license types
├── licenses_grouped.json  # .json file with dependencies grouped by license type
├── vulnerabilities.json # .json file with vulnerabilities detected in dependencies by pip-
↪audit
└── sbom.json            # Software Bill of Materials in OWASP CycloneDX format
```

8.7 Build, Run and Release

8.7.1 Setup project specific development environment

```
make setup
```

Don't forget to configure your `.env` file with the required environment variables.

Notes:

1. .env.example is provided as a template, use `cp .env.example .env` and edit `.env` to create your environment.
2. .env is excluded from version control, so feel free to add secret values.

8.7.2 Build

```
make        # Runs primary build steps, i.e. formatting, linting, testing, building HTML docs␣
↪and distribution, auditing
make help   # Shows help with additional build targets, e.g. to build PDF documentation, bump␣
↪the version to release etc.
```

Notes:

1. Primary build steps defined in `noxfile.py`.
2. Distribution dumped into `dist/`
3. Documentation dumped into `docs/build/html/` and `docs/build/latex/`
4. Audit reports dumped into `reports/`

8.7.3 Run the CLI

```
uv run starbridge # shows help
```

8.7.4 Commit and Push your changes

```
git add .
git commit -m "feat(user): added new api endpoint to offboard user"
git push
```

Notes:

1. pre-commit hooks[21] will run automatically on commit to ensure code quality.
2. We use the conventional commits format - see the code style guide for the mandatory commit message format.

[21] https://pre-commit.com/

8.7.5 Publish Release

```
make bump   # Patch release
make minor  # Patch release
make major  # Patch release
make x.y.z  # Targeted release
```

Notes:

1. Changelog generated automatically
2. Publishes to PyPi, Docker Registries, Read The Docs, Streamlit and Auditing services

8.8 Advanced usage

8.8.1 Running GitHub CI Workflow locally

```
make act
```

Notes:

1. Workflow defined in `.github/workflows/*.yml`
2. test-and-report.yml calls all build steps defined in noxfile.py

8.8.2 Pinning GitHub Actions

```
pinact run  # See https://dev.to/suzukishunsuke/pin-github-actions-to-a-full-length-commit-
↪sha-for-security-2n7p
```

8.9 Update from Template

Update project to latest version of oe-python-template[22] template.

```
make update_from_template
```

8.10 Pull Request Guidelines

1. Before starting to write code read the code style document for mandatory coding style requirements.
2. **Pre-Commit Hooks:** We use pre-commit hooks to ensure code quality. Please install the pre-commit hooks by running `uv run pre-commit install`. This ensure all tests, linting etc. pass locally before you can commit.
3. **Squash Commits:** Before submitting a pull request, please squash your commits into a single commit.
4. **Signed Commits:** Use signed commits[23].
5. **Branch Naming:** Use descriptive branch names like `feature/your-feature` or `fix/issue-number`.
6. **Testing:** Ensure new features have appropriate test coverage.
7. **Documentation:** Update documentation to reflect any changes or new features.

[22] https://github.com/helmut-hoffer-von-ankershoffen/oe-python-template
[23] https://docs.github.com/en/authentication/managing-commit-signature-verification/signing-commits

CHAPTER

NINE

CODE STYLE

Author: Helmut Hoffer von Ankershoffen (@helmut-hoffer-von-ankershoffen) - Status: Draft - Created: 2025-03-16 - Updated: 2025-03-16

This document describes the code style used in oe-python-template[24] and derivatives. It defines strict requirements to be followed by all contributors - humans and agents - to ensure consistency and readability across the codebase.

9.1 Code

We favor readability and maintainability over cleverness and brevity.

1. We always write code that is easy to read, understand, maintain, test, document, deploy, use, integrate, and extend.
2. We always write code that is efficient and performant, but only if it does not sacrifice readability, maintainability, and testability.
3. We always write code that is secure and does not introduce vulnerabilities.
4. We always write code that is portable and does not introduce platform-specific dependencies.
5. We always write code that is compatible with the Python version indicated in the .python-version file in the root of this repository.

9.2 Naming

We believe that good names are essential for code readability and maintainability. A good name is one that is descriptive, unambiguous, and meaningful. It should convey the purpose and intent of the code it represents.

1. We take extra care to find proper names for all identifiers, including variables, functions, classes, types, tests, modules, and packages. We prefer descriptive names that clearly indicate the purpose and functionality of the code.
2. We avoid using abbreviations, acronyms, and jargon unless they are widely understood and accepted in the context of the code. We prefer full words and phrases that are easy to understand.
3. We avoid using single-letter names, except for loop variables and iterators.
4. We avoid using generic names like `data`, `info`, `temp`, `foo`, `bar`, etc. These names do not convey any meaning and make the code harder to read and understand.
5. We avoid using names that are too long or too short. A good name should be concise but descriptive. It should be long enough to convey the purpose and intent of the code, but not so long that it becomes cumbersome to read and write.

[24] https://github.com/helmut-hoffer-von-ankershoffen/oe-python-template

6. We avoid using names that are too similar or too different. A good name should be unique and distinct. It should not be confused with other names in the code. It should not be so different that it becomes hard to remember and recognize.

9.3 Formatting

We use ruff[25] to format Python code

1. The ruff formatter adheres to the Black[26] code style which is PEP 8[27] compliant.
2. The ruff formatter is configured to use a max line length of 120.
3. The ruff formatter is called by the lint session of nox.

Beyond PEP 8 we adhere to the following naming conventions: We use the following conventions for Python code:

1. Class names: `PascalCase` - descriptive nouns that clearly indicate purpose.
2. Function/method names: `snake_case` - verb phrases that describe actions.
3. Variables/attributes: `snake_case` - descriptive nouns/noun phrases.
4. Constants: `UPPER_SNAKE_CASE`.
5. Private members: Prefix with single underscore `_private_attribute`.
6. "True" private members: Prefix with double underscore `__truly_private`.
7. Type variables: `CamelCase` with short, descriptive names (e.g., `T`, `KT`, `VT`).
8. Boolean variables/functions: Prefix with `is_`, `has_`, `should_`, etc.
9. Interface classes: Suffix with `Interface` or `Protocol`.

9.4 Linting and type checking

We use ruff[28] to lint Python code

1. All linting rules are enabled except those explicitly disabled in pyproject.toml
2. The ruff linter is called by the lint session of nox.

We use mypy[29] for static type checking of Python code.

1. mypy is configured to use the `strict` mode in pyproject.toml
2. mypy is called by the lint session of nox.

9.5 Documentation

We use docstrings to document the purpose of modules, classes, types, functions, its parameters and returns

1. We use Google style docstrings with typed Args and Returns.
2. We comment complex code and algorithms to explain their purpose and functionality.
3. We leave references with deep links in code to external documentation, standards, and specifications.

[25] https://github.com/astral-sh/ruff
[26] https://black.readthedocs.io/en/stable/the_black_code_style/current_style.html
[27] https://www.python.org/dev/peps/pep-0008/
[28] https://github.com/astral-sh/ruff
[29] https://mypy.readthedocs.io/

We provide an auto-generated OpenAPI specification and reference documentation.

We generate the final documentation using Sphinx and publish it to readthedocs.

1. Generation of documentation is called by the docs session of nox

9.6 Testing

We use pytest[30] for testing Python code.

1. Tests are defined in the `tests/` directory
2. We use pytest fixtures to set up test data and state
3. We leverage several pytest plugins:
4. `pytest-asyncio` for testing async code
5. `pytest-cov` for coverage reporting
6. `pytest-docker` for integration tests with containers
7. `pytest-env` for environment variable management
8. `pytest-regressions` for regression testing
9. `pytest-xdist` for parallel test execution
10. Test execution is automated through the nox test session which runs across the Python versions indicated in the `pyproject.toml`.

Our test coverage is measured using `pytest-cov` and reported in the CI pipeline.

1. We aim for 100% unit coverage on all code paths, including error handling and edge cases.
2. We fail the CI if unit test coverage drops below 85%.

Apart from unit tests we provide integration tests and end-to-end tests:

1. We smoke test as part of the CI/CD pipeline.
2. We facilitate exploratory testing to ensure comprehensive coverage.
3. We use `pytest-docker` for integration tests with containers.

9.7 Error Handling

We use structured, explicit error handling that enables effective debugging and monitoring:

1. Use specific exception classes instead of generic ones.
2. Include contextual information in exception messages.
3. Log exceptions with appropriate severity levels and context.
4. Gracefully degrade functionality when possible rather than failing completely.
5. Use type hints to catch type errors at compile time rather than runtime.
6. Design errors to be actionable for both users and developers.

9.8 Logging

We log information to help with debugging and monitoring:

1. Use structured logging with consistent fields across all log entries.
2. Include correlation IDs for tracking requests across components.

[30] https://docs.pytest.org/en/stable/

3. Log at appropriate levels (DEBUG, INFO, WARNING, ERROR, CRITICAL).
4. Be mindful of PII and sensitive data in logs, using obfuscation where needed.
5. Consider log volume and performance impact in production environments.

9.9 Performance Considerations

We consider performance from the early design stage, not as an afterthought:

1. Consider algorithmic complexity (Big O notation) for all operations.
2. Prefer lazy evaluation when dealing with large datasets.
3. Use appropriate data structures for specific access patterns.
4. Be mindful of memory usage, especially for long-running processes.
5. Consider profiling for critical paths and potential bottlenecks.
6. Document performance characteristics and assumptions.
7. Write benchmarks for performance-critical code.
8. Design for horizontal scaling from the beginning.
9. Use asynchronous operations appropriately for I/O-bound tasks.
10. Consider caching strategies when appropriate.

9.10 API Design

For both internal and external APIs we follow the principle of least surprise.

1. We maintain backward compatibility whenever possible. If not possible we add a new major version of the API.
2. Implement proper versioning for breaking changes.
3. Document error conditions, return values, and side effects.
4. Design for testability and mockability.
5. Provide sensible defaults while allowing for configuration.
6. Follow RESTful principles for HTTP APIs.
7. Use consistent parameter ordering and naming.
8. Implement proper validation with helpful error messages.
9. Consider rate limiting and circuit breaking for external services.

9.11 Security

We prioritize security at every stage of development to prevent vulnerabilities and protect our users.

1. Follow the principle of least privilege for all operations and access controls.
2. Never store secrets (API keys, passwords, tokens) in code repositories.
3. Use environment variables or dedicated secret management services.
4. Code is checked via `detect-secrets` pre-commit hook to prevent accidental commits of secrets.

We implement proper input validation and sanitization for all external inputs via pydantic[31]:

1. Validate inputs as early as possible in the data flow.

[31] https://pydantic-docs.helpmanual.io/

We handle authentication and authorization correctly:

1. Use industry-standard authentication protocols (OAuth, JWT).
2. Separate authentication from authorization logic.
3. Implement proper session management with secure cookies.
4. Protect against common vulnerabilities:
5. SQL Injection: Use parameterized queries or ORM frameworks.
6. XSS: Apply proper output encoding.
7. CSRF: Implement anti-CSRF tokens for state-changing operations.
8. SSRF: Validate and restrict URL destinations.
9. Command Injection: Avoid direct system command execution where possible.
10. Implement proper error handling that doesn't leak sensitive information.
11. Use secure defaults and fail closed (secure) rather than open (insecure).

We apply the principle of defense in depth:

1. Don't rely on a single security control.
2. Implement multiple layers of protection.
3. Document security considerations in code and design documents.
4. Write security-focused tests:
5. Test for security property violations.
6. Test error cases and edge conditions.
7. Test for resource exhaustion scenarios.
8. Apply proper rate limiting and throttling to prevent abuse.
9. For cryptographic operations:
10. Use established libraries, not custom implementations.
11. Follow current best practices for algorithm selection and key management.
12. Be aware of the limitations of cryptographic primitives.
13. Regularly run security-focused static analysis tools as part of CI/CD:
14. CodeQL analysis (via GitHub Actions)
15. SonarCloud checks for security vulnerabilities

Our security posture is defined in SECURITY.md.

9.12 Dependency Management

We use modern dependency management practices:

1. uv[32] for fast, reliable package installation and environment management
2. Dependency version locking via uv.lock file
3. Regular dependency auditing:
4. Security auditing via `pip-audit`
5. License compliance checks via `pip-licenses`
6. SBOM generation via `cyclonedx-py`

[32] https://github.com/astral-sh/uv

Dependency updates are automated via Dependabot and Renovate to ensure we stay current with security patches.

9.13 Versioning

We use semantic versioning[33] for versioning our releases:

1. MAJOR: Breaking changes
2. MINOR: New features, non-breaking changes
3. PATCH: Bug fixes, non-breaking changes

Our API versioning follows the same principles, with major versions indicated in the URL (e.g., /api/v1/resource) and the full version provided as part of the OpenAPI pecification.

9.14 Conventional Commits

Our commit messages follow conventional commits[34] definition.

1. We use `feat`, `fix`, `chore`, `docs`, `style`, `perf`, `refactor`, `test` prefixes and components in parentheses. E.g. `feat(api): add new endpoint for user registration`.

9.15 Guidance for AI Pair Programming

When generating code with AI assistance:

1. AI-generated code must follow all style guidelines in this document.
2. Always review AI-generated code for correctness, security implications, and adherence to project patterns.
3. Use AI to generate tests alongside implementation code.
4. Request explanations for complex algorithms or patterns in the generated code.
5. Remember that AI should augment, not replace, human judgment about code quality and design decisions.

[33] https://semver.org/
[34] https://www.conventionalcommits.org/en/v1.0.0/

CHAPTER

TEN

RELEASE NOTES

★ Starbridge[35]

10.1 0.10.12[36] - 2025-04-08

10.1.1 ⚙ Miscellaneous Tasks

- *(test)* Move - (356d272[37])

10.2 0.10.10[38] - 2025-04-07

10.2.1 🧪 Testing

- Revert - (6b8384a[39])

10.2.2 ⚙ Miscellaneous Tasks

- *(audit)* Allow affero - (a9140bc[40])
- *(nox)* Fix typo - (cf90705[41])
- *(smoke)* Revert - (3cb7ed9[42])
- Deactive mcp inspector for now - (1e5b9f3[43])

10.3 0.10.9[44] - 2025-03-27

10.3.1 🐛 Bug Fixes

- *(deps)* Readd missing dep - (ff4817c[45])

[35] https://starbridge.readthedocs.io/en/latest/
[36] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.10.11..0.10.12
[37] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/356d272ff5433113e0b03b1a1edb1be2fd21c3be
[38] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.10.9..v0.10.10
[39] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6b8384ac2068e1be8eb2dac77783e1f20a6c9d55
[40] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a9140bc7b53c595fe61ff91b9ddbdcb255415b84
[41] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/cf90705d6986090d777449153747b05837c43380
[42] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/3cb7ed9921bf087eec884998ce147806407db23f
[43] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/1e5b9f3cc350d8ae6228e14099316f1ebed25cf0
[44] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.10.8..v0.10.9
[45] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ff4817c3bb52c1757802253bcbe8be50e57896f8

10.4 0.10.7[46] - 2025-03-26

10.4.1 📚 Documentation

- Simplify readme - (28c2482[47])

10.5 0.10.6[48] - 2025-03-25

10.5.1 🧪 Testing

- *(context)* Fix broken test url - (5d08725[49])

10.5.2 ⚙️ Miscellaneous Tasks

- *(sonarqube)* Workaround false positive in sonarqube duplication detector - (620e84b[50])

10.6 0.10.3[51] - 2025-03-18

10.6.1 Sec

- Security-extended, security-and-quality - (e5dd59c[52])

10.7 0.1.0[53] - 2025-03-16

10.7.1 ⛰️ Features

- Code-style for humans and ai - (823fd55[54])

10.8 0.0.88[55] - 2025-03-14

10.8.1 📚 Documentation

- Consistency - (4063dc8[56])

10.9 0.0.87[57] - 2025-03-14

10.9.1 📚 Documentation

- Revert main - (6dde446[58])

[46] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.10.6..v0.10.7
[47] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/28c24825109ca25dea236afcb86040423a749670
[48] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.10.5..v0.10.6
[49] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5d08725690655b89bd89cd643bcd7cb8086d81ea
[50] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/620e84b16efd0e410487d97d2478cdcd3c813cb5
[51] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.10.1..v0.10.3
[52] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/e5dd59c0b7227590c1cb30da85cdc34619664abf
[53] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.93..v0.1.0
[54] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/823fd550b171f37b82641e55154247b4c4473cd5
[55] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.87..v0.0.88
[56] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/4063dc8e8003634372955aa45a5964d00a716038
[57] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.86..v0.0.87
[58] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6dde446c8d09904107d9c0ac0aed45c39fe1dc32

10.10 0.0.80[59] - 2025-03-13

10.10.1 🚜 Refactor

- *(codesmell)* Dry - (43df2f0[60])

10.11 0.0.79[61] - 2025-03-13

10.11.1 🐛 Bug Fixes

- *(deps)* Update dependency pymupdf to v1.25.3 (#17[62]) - (6f6088c[63])

10.12 0.0.77[64] - 2025-03-08

10.12.1 ⚙ Miscellaneous Tasks

- *(deps)* Bump - (dc9fe09[65])

10.13 0.0.76[66] - 2025-03-08

10.13.1 🚜 Refactor

- *(di)* Don't step over import errors on dependency injection - (ef78a3b[67])

10.13.2 ⚙ Miscellaneous Tasks

- *(deps)* Bump - (0c02252[68])

10.14 0.0.74[69] - 2025-03-02

10.14.1 🐛 Bug Fixes

- Various - (c15861c[70])

10.14.2 📚 Documentation

- Link in badge - (e54b8c7[71])

10.14.3 ⚙ Miscellaneous Tasks

- *(template)* Introduce use of oe-python-template - (8f624ae[72])
- *(vscode)* Add copilot settings - (b742e05[73])

[59] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.79..v0.0.80
[60] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/43df2f09dfc5a87cc8fb68b6b98221adb3faab07
[61] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.78..v0.0.79
[62] https://github.com/orhun/git-cliff/issues/17
[63] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6f6088c2accfdcbed37776d67ec4af40c390b7b9
[64] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.76..v0.0.77
[65] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/dc9fe09a300cc297ddac0413e69807356352cd5e
[66] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.74..v0.0.76
[67] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ef78a3bc87c5d02a2b25dc13ccab57d4c1856326
[68] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/0c0225276e2118a25b242c05db37cfa27bf18eca
[69] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.73..v0.0.74
[70] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/c15861cf9b613263dd422cae48aaf0916101fc05
[71] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/e54b8c71571f600c5f79c0a44acac8d536926dde
[72] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/8f624ae0de2cbc71dc64d835659666b03fa1133b
[73] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/b742e053512a50a8e36f1da557119707f5f7a70b

10.15 0.0.73[74] - 2025-02-26

10.15.1 ⛰️ Features

- *(confluence)* Search using CQL - (22c2840[75])

10.16 0.0.72[76] - 2025-02-25

10.16.1 ⛰️ Features

- *(web)* Force not respecting robots.txt - (0768ebb[77])

10.17 0.0.71[78] - 2025-01-05

10.17.1 📚 Documentation

- Correction - (9b2c05e[79])

10.18 0.0.70[80] - 2025-01-05

10.18.1 📚 Documentation

- *(changelog)* Test - (d59ff92[81])

10.19 0.0.69[82] - 2025-01-05

10.19.1 🐛 Bug Fixes

- *(docs)* Changelog typo - (0c93cdf[83])

10.20 0.0.68[84] - 2025-01-05

10.20.1 🐛 Bug Fixes

- *(otel)* Mixup - (f884de6[85])

10.20.2 📚 Documentation

- Remove summary.md created by gitbook - (48effe6[86])
- Various - (fe6083f[87])

[74] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.72..v0.0.73
[75] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/22c2840e1ff70b3053f43a66a770c13bfff5480f
[76] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.71..v0.0.72
[77] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/0768ebb94f4a8c41adcde48cb310d3212006a5e1
[78] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.70..v0.0.71
[79] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/9b2c05ea95ca20d61af44e3cf77e82dec8ea1d82
[80] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.69..v0.0.70
[81] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/d59ff92d332c32812acc843ef4d0bd373ea953ab
[82] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.68..v0.0.69
[83] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/0c93cdfeabc1935438bef28bac652627c382b2cf
[84] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.67..v0.0.68
[85] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/f884de6947edd572a8e658bc42dbd003848918de
[86] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/48effe64fce77f8f85ee925ee939142df234c28b
[87] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/fe6083fe6995c4bdc9af55c203a5806aef25624b

10.20.3 🎨 Styling

- Codestyle for mcp stdio instrumentor - (50c4c99[88])
- Improve codestyle - (904b80c[89])

10.20.4 🧪 Testing

- Adapt - (f55f737[90])

10.20.5 ⚙ Miscellaneous Tasks

- *(nox)* Better order - (c9185e4[91])

10.21 0.0.67[92] - 2025-01-03

10.21.1 📚 Documentation

- *(reference)* Links to github source and more - (6f16c3c[93])
- *(reference)* Source code links and more - (2657779[94])

10.22 0.0.66[95] - 2025-01-02

10.22.1 📚 Documentation

- *(reference)* Source code links and more - (a0a6745[96])

10.23 0.0.65[97] - 2025-01-02

10.23.1 📚 Documentation

- *(read the docs)* Better index - (70ee08d[98])

10.24 0.0.64[99] - 2025-01-02

10.24.1 ⚙ Miscellaneous Tasks

- *(bump-my-version,git-cliff)* Improve interplay - (72b01ed[100])

[88] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/50c4c997131410ccfb8a4b0a32e35fbf604aab69
[89] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/904b80c063f3be086e8a02f8c505e67d6d1e77e5
[90] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/f55f7377d5b738717e1996ba75ca0b7c0d0db157
[91] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/c9185e4e54c7da41e9c045677126e091fe7a9676
[92] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.66..v0.0.67
[93] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6f16c3c0180c2715134634ebbb556dcdcb9619bc
[94] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/26577799f3b9044cc7955fa05fcdd47b687435c3
[95] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.65..v0.0.66
[96] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a0a67455c02ddd1efc94609a2f0b7c61d10a5416
[97] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.64..v0.0.65
[98] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/70ee08d3ee8b0069cc29da15f0ac86b0beecc5cb
[99] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.63..v0.0.64
[100] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/72b01ed6cab56be640a1257af3aecf468445e619

10.25 0.0.63[101] - 2025-01-02

10.25.1 🚜 Refactor

- *(docs)* Simplify sphinx setup - (169069c[102])

10.26 0.0.62[103] - 2025-01-02

10.26.1 📚 Documentation

- Add reference documentation - (8d26936[104])

10.27 0.0.61[105] - 2025-01-02

10.27.1 🧪 Testing

- *(web)* Adapt to pivot from gitbook to read-the-docs - (a4bcb16[106])

10.28 0.0.60[107] - 2025-01-02

10.28.1 📚 Documentation

- *(sphinx,readthedocs)* Introduce - (898cfbb[108])

10.29 0.0.59[109] - 2025-01-02

10.29.1 📚 Documentation

- *(sphinx,readthedocs)* Introduce - (3d669bd[110])

10.30 0.0.58[111] - 2025-01-02

10.30.1 📚 Documentation

- *(sphinx,readthedocs)* Introduce - (770fc06[112])

10.31 0.0.57[113] - 2025-01-02

10.31.1 🚜 Refactor

- *(uv,nox,pyproject)* No longer expose dev dependencies as extra - (39a39b1[114])

[101] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.62..v0.0.63
[102] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/169069c8826157dda0155a0e2a4f33b9c18143af
[103] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.61..v0.0.62
[104] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/8d26936a9b540022b7e37cee920607066cf43e9e
[105] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.60..v0.0.61
[106] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a4bcb16c0651dccbb687f0fb31263e00fd964155
[107] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.59..v0.0.60
[108] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/898cfbbb4bb565f282925a4f8089de55c5c55654
[109] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.58..v0.0.59
[110] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/3d669bd6d16338d034f33d86b0c1f6e44f994a43
[111] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.57..v0.0.58
[112] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/770fc061c28ae5b4f8716b8d9c0032b0d6e69688
[113] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.56..v0.0.57
[114] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/39a39b1381fd8879208fca48dbfe2ffa75c8bbdb

10.31.2 📚 Documentation

- *(sphinx,readthedocs)* Introduce - (3375b7f[115])

10.32 0.0.56[116] - 2025-01-01

10.32.1 ⛰️ Features

- *(search)* Minimal web search using Brave Search Python Client (built separately) - (b39cdb9[117])

10.32.2 🚜 Refactor

- *(core)* Introduce service for core; enh(claude): allow for better introspection - (37d4f17[118])
- *(tests)* Introducing utils - (186ce67[119])
- *(web)* Polish - (52a07fe[120])

10.32.3 🧪 Testing

- *(env)* Conditions - (c9d67a1[121])
- *(search)* Adapt other tests given new setting - (8dfbd0c[122])

10.33 0.0.55[123] - 2024-12-30

10.33.1 ⛰️ Features

- *(web)* Smarter transformation, allow for mor formats; refactor(web, tests): major - (09f0455[124])

10.33.2 🐛 Bug Fixes

- *(imaging)* More reliable way to check if extra is installed - (5177b0b[125])

10.33.3 🚜 Refactor

- *(web)* Dict to pydantic - (79ae603[126])
- *(web)* Simplify - (55bb65c[127])
- *(web)* Dry on constants - (39cd30a[128])

10.33.4 📚 Documentation

- *(badge)* Ghcr badge using eggplants down, so commenting out - (e1e306a[129])
- *(ghcr.io)* Badge - (5a2f92e[130])

[115] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/3375b7f7b2b7142d6cb6f24a90cbb06d896b1f44
[116] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.55..v0.0.56
[117] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/b39cdb97894af174d868aa20f914339f9c89f47a
[118] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/37d4f17f250f56b6cb820ddf2e330dff8c73d00b
[119] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/186ce67d6c458d0442883dfd969fe701d58b513d
[120] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/52a07fe5b19bfe61d611d0e3064681565f07403d
[121] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/c9d67a197be3c282e6fc71a02cbb58d8dbfd2a4b
[122] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/8dfbd0c940788fe49ca79c8a4cd84fa88290a29f
[123] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.54..v0.0.55
[124] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/09f0455936a3e465e7f611d97dc3a2aec42ece13
[125] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5177b0bd70fedcf82a16eaf8d7a27aa9fc0801c6
[126] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/79ae603d749ac8bca08a54fb17c2e2d3207b0ecd
[127] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/55bb65cd51727a1a12278f7cf11bd6a054ba0a19
[128] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/39cd30a2f8d045c8e4c1016388e68b968eac8828
[129] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/e1e306ae055ecf9520c89a0b7f39b1793aac4ec5
[130] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5a2f92e5ef15b6b85c24efca03945491c54713e5

10.33.5 🧪 Testing

- *(claude)* Additional tests - (b77fd54[131])
- *(web)* Test formats - (bd670ab[132])

10.34 0.0.54[133] - 2024-12-28

10.34.1 ⚙ Miscellaneous Tasks

- *(ghcr.io)* Introduce publishing container image to ghcr.io - (63d9437[134])

10.35 0.0.53[135] - 2024-12-28

10.35.1 🚜 Refactor

- *(maintainability)* Dry - (0ad3099[136])

10.35.2 📚 Documentation

- *(fix)* Source bin/env on initial installation, and us –with on uvx given uv does not yet properly support –all-extras - (3ddc9c1[137])

10.36 0.0.52[138] - 2024-12-28

10.36.1 ⛰ Features

- *(web)* Provide tool to fetch from the web, respecting robots.txt and getting additional context from llms.txt - (fc3ffeb[139])

10.36.2 🚜 Refactor

- *(init)* Simplify - (703c278[140])

10.36.3 🧪 Testing

- *(env)* Use subprocess in test_env_args_fail as –env is parsed on boot - (de0a1d9[141])
- *(web)* More tests - (91ab1d3[142])

10.36.4 ⚙ Miscellaneous Tasks

- *(ruff)* Auto-fix and use preview checks - (5f360bc[143])
- *(style)* Formatting - (bcc84ed[144])

[131] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/b77fd54f84170f5d04597704ddf6be9d404e5a3c
[132] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/bd670abf4b96648d6cc4fd701f329125bd4e501c
[133] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.53..v0.0.54
[134] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/63d943767a28ad7186ea4a2456fe1e17bd711664
[135] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.52..v0.0.53
[136] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/0ad3099198ff926c8a18984c46feb9c1a6fd44a3
[137] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/3ddc9c1c59186d61736b9409b514c20447c452a9
[138] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.51..v0.0.52
[139] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/fc3ffeb88ceb7be3bc6d212df35b867f48550606
[140] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/703c2781a8967203c0ae0e49b0a11b3b31de1577
[141] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/de0a1d9d699ed1bfb4a665856da10a8633da2b78
[142] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/91ab1d33917fe3a5ad1e9740aba9ea59d8c2397f
[143] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5f360bc54cc16ed178d2ef3ec618a9116fbf4650
[144] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/bcc84ed06e5033fa57b378d4fd65f8f630aede0f

10.37 0.0.51[145] - 2024-12-27

10.37.1 🚜 Refactor

- *(MCPBaseService)* Annotate abstract methods - (9192372[146])
- *(cli)* Dynamically discover settings to prompt for - (7594f87[147])
- *(cli)* Simplify - (446145f[148])
- *(di)* Introduce dependency injection (di) util, untie service->cli dependency - (2b92828[149])

10.37.2 🎨 Styling

- *(ruff)* Pivot to defaults - (ac35236[150])

10.38 0.0.50[151] - 2024-12-26

10.38.1 🧪 Testing

- *(extras)* Test for imaging extra not activated - (dd5b4bb[152])

10.38.2 ⚙ Miscellaneous Tasks

- *(imaging)* Make imaging an extra - (ffac1da[153])

10.39 0.0.49[154] - 2024-12-26

10.39.1 🧪 Testing

- *(confluence)* More cli commands - (758f980[155])

10.39.2 ⚙ Miscellaneous Tasks

- *(devcontainer)* Polish - (cda9326[156])
- *(devcontainer)* Enable docker in docker for docker tests in devcontainer - (6f5554e[157])

10.40 0.0.48[158] - 2024-12-25

10.40.1 📚 Documentation

- *(badges)* Adapt to change of workflow name - (92be681[159])
- *(badges)* Style Ruff - (60178b7[160])

[145] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.50..v0.0.51
[146] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/91923723ba803394228ee23a505aedf688bb3b77
[147] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/7594f87b34f57d69446015b6127fbcf1361892d9
[148] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/446145f6b1349661d3575dbb23657671b6aaff6c
[149] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/2b92828fafd565fed43f034836919b83f43326db
[150] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ac35236f8443ee1fa2f9fcd53d9e23b8a152e02e
[151] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.49..v0.0.50
[152] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/dd5b4bbd8fa9510a04bb7aba840fb39d9e7c482c
[153] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ffac1dae615724a10aa48522ab653168d434209a
[154] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.48..v0.0.49
[155] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/758f980bf9caf9881170df7b0164e7cf98408af1
[156] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/cda932604f2871fdbb84fb9b73f324ee02376a2e
[157] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6f5554e1ac8d3b2a8b8e76de4b2671f12d3f3a06
[158] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.47..v0.0.48
[159] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/92be681aa2e81300b0d17ddf9a473eda7b9063a7
[160] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/60178b759b1f7c041c6bffb301c96e0fd2e83348

- *(readme)* Intro - (c1966fb[161])

10.40.2 ⚙ Miscellaneous Tasks

- *(pre-commit)* Additional hooks - (dea9820[162])
- *(sonarqube)* Metas - (26b6e8a[163])
- *(sonarqube)* Tags - (b08d11b[164])

10.41 0.0.46[165] - 2024-12-24

10.41.1 🚜 Refactor

- *(mcp)* Auto-discover services, instead of having to enumerate them in pyproject.toml - (fcd09a8[166])

10.41.2 🧪 Testing

- *(Claude)* Health - (799b818[167])
- *(confluence)* Cli commands - (b2f086e[168])

10.41.3 ⚙ Miscellaneous Tasks

- *(bump)* Enable to specify version part to bump, default being patch - (56709d7[169])
- *(codecov)* Coverage > 80% now required - (2b4d18c[170])
- *(codecov)* Sensible green range - (a754964[171])

10.42 0.0.45[172] - 2024-12-24

10.42.1 🧪 Testing

- *(docker)* Use docker-compose and pytest-docker plugin to test e2e from docker buildx to inspector started by starbridge controller - (0fe9c49[173])
- *(env)* Test –env not supported by all commands - (9d30e64[174])
- *(env)* Setting env via args - (6b4f75f[175])
- *(mcp)* Inspector reactivated - (753ced8[176])
- *(parallel)* Enable that tests marked as sequential can run as such, use for one that changes the environment on disk - (22c1b53[177])

[161] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/c1966fbe4ae3d2d3c141ca75e61aed7680f61816
[162] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/dea9820bf47ea93ad5d73b35c156a9be5dc7b769
[163] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/26b6e8af3677c15cbc223ac75d7b8f303660049d
[164] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/b08d11b593acf295b0a0fd004f130a63d32a331a
[165] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.45..v0.0.46
[166] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/fcd09a860c7a73e18846bec0d88af7b05b11f745
[167] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/799b8183de6e0c89fccd8a0c400f580dba7dbc44
[168] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/b2f086eb29b04660cbaef4886c2dd4a131aa2935
[169] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/56709d75ce6176cb5fc1fe2c52df6183153ac0ac
[170] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/2b4d18c1d23192171a39c58a83ba464dda1f3c7e
[171] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a754964ca7f95245974287c013e95b2dccdae8bf
[172] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.44..v0.0.45
[173] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/0fe9c49f4b3a39312d1a83e20b2775e515d3b8d8
[174] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/9d30e64aaa0782f90d83c2b503262f584e6d667c
[175] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6b4f75fbfd60bd7a27b0cba54f86d5362137eb3d
[176] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/753ced80587b5786cb42ca4f98479493e7b1c0ad
[177] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/22c1b531b5df94f9612f72481c303bc62e101115

10.42.2 ⚙ Miscellaneous Tasks

- *(test)* Superfluous checkout - (88534f3[178])

10.43 0.0.44[179] - 2024-12-24

10.43.1 📚 Documentation

- *(badges)* Consolidate to shields.io - (a237a46[180])
- *(pypi)* Define supported python versions - (bea82aa[181])

10.43.2 🎨 Styling

- *(badges)* Consolidate labels - (2630832[182])
- *(badges)* Use CD for github, pypi and docker - (a300b36[183])

10.44 0.0.43[184] - 2024-12-24

10.44.1 ⚙ Miscellaneous Tasks

- *(docker)* Set docker tags from semver tags - (7d236c2[185])

10.45 0.0.42[186] - 2024-12-24

10.45.1 📚 Documentation

- *(CHANGELOG.md)* Introduce in repo - (78e11aa[187])

10.46 0.0.41[188] - 2024-12-24

10.46.1 ⚙ Miscellaneous Tasks

- *(bump-my-version)* Update uv.lock on bumping - (fa60f12[189])

10.47 0.0.40[190] - 2024-12-24

10.47.1 ⚙ Miscellaneous Tasks

- *(bump-my-version)* Update uv.lock on bumping - (f1e2b52[191])

[178] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/88534f3b86c507eb61a4c92315add12c2c1d148c
[179] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.43..v0.0.44
[180] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a237a46f476e378ec5d0dadfded69f20ad8646a0
[181] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/bea82aa8ec04db7622f886835fed8c643cf73c9d
[182] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/263083262830b4c1ceaebbbb3d2bfd75ef05a122
[183] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a300b36867da42b1eb2b5af59635c5ff849b692f
[184] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.42..v0.0.43
[185] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/7d236c24fff1d52c5bc7a8804e1245608ce00eab
[186] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.41..v0.0.42
[187] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/78e11aa5400fba9803dbbc1793b4eadba6271976
[188] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.40..v0.0.41
[189] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/fa60f12ba5d6718d1b52ddd0852fcad0b1b2efed
[190] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.39..v0.0.40
[191] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/f1e2b52ddf61d11ec3d7449fd42497e873891728

10.48 0.0.39[192] - 2024-12-24

10.48.1 ⚙ Miscellaneous Tasks

- *(docker)* Set docker tags from semver tags - (1d1ae38[193])

10.49 0.0.38[194] - 2024-12-23

10.49.1 ⚙ Miscellaneous Tasks

- *(git-cliff)* Fix - (7ab4ff7[195])

10.50 0.0.37[196] - 2024-12-23

10.50.1 ⚙ Miscellaneous Tasks

- *(pytest)* Run tests in parallel - (103b73e[197])

10.51 0.0.36[198] - 2024-12-23

10.51.1 ⚙ Miscellaneous Tasks

- *(git-cliff)* Unique - (5badb97[199])

10.52 0.0.35[200] - 2024-12-23

10.52.1 ⚙ Miscellaneous Tasks

- *(bump)* Utility - (4e9cb39[201])

10.53 0.0.34[202] - 2024-12-23

10.53.1 ⚙ Miscellaneous Tasks

- *(bump)* Utility - (c931fe6[203])

10.54 0.0.33[204] - 2024-12-23

10.54.1 ⚙ Miscellaneous Tasks

- *(git-cliff)* Don't use typos - (9fd5184[205])

[192] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.38..v0.0.39
[193] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/1d1ae38ef368edf177843b6e6a1d4ee9527818a9
[194] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.37..v0.0.38
[195] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/7ab4ff7485ffe09bc9f089520b089115ae0167e1
[196] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.36..v0.0.37
[197] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/103b73e609b2254f1cd1f7713ce70cee6c57c7e7
[198] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.35..v0.0.36
[199] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5badb97d3452ec09fc6aae137cf0c3860f5da9e6
[200] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.34..v0.0.35
[201] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/4e9cb3990fedd83b047636bc322736fa66539a64
[202] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.33..v0.0.34
[203] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/c931fe6aa6c326fcecbbda86824b5f0ca91b135b
[204] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.32..v0.0.33
[205] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/9fd5184609975633e884fb217f7ddaa2f89b5509

10.55 0.0.32[206] - 2024-12-23

10.55.1 ⚙ Miscellaneous Tasks

- *(git-cliff)* Test - (737a9a3[207])

10.56 0.0.31[208] - 2024-12-23

10.56.1 ⚙ Miscellaneous Tasks

- *(pre-commit)* Improve handling - (9615aeb[209])

10.57 0.0.30[210] - 2024-12-23

10.57.1 ⚙ Miscellaneous Tasks

- *(detect-secrets)* Introduce - (b16bc64[211])

10.58 0.0.29[212] - 2024-12-23

10.58.1 📚 Documentation

- Mention renovate - (0bbebb0[213])
- Update keywords to match tooling - (5408c26[214])

10.58.2 🧪 Testing

- *(coverage)* Omit instrumentation - (813a576[215])
- *(mcp)* Sse basics - (faa0e78[216])
- *(mcp)* Binary resource - (956bbc0[217])
- *(mcp)* Inspector - (d1704b2[218])
- Relative? - (27ffab3[219])
- More - (ef3b4fe[220])
- ... - ([acf7e13](https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/acf7e139ac572b4f18e5fce56aae2aaea4b0ed49))
- Trial - (b516a0c[221])

[206] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.31..v0.0.32
[207] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/737a9a32d68222b9070cd9090970f6ad42a9beff
[208] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.30..v0.0.31
[209] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/9615aebdd7e062d2de054cd08b16e38969576651
[210] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.29..v0.0.30
[211] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/b16bc647b95fa70a9066f66c0d31fa4a9bdaa654
[212] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.28..v0.0.29
[213] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/0bbebb09a2a6d2934b628bd67bf1c50cdbe434b0
[214] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5408c262000ac25400d87c8b1015ccbff37e69d4
[215] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/813a576d10fb5e59d053b3e5579423c9e8cbf010
[216] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/faa0e788ccb44f87cef02f7c39667a7c0b3bc9f4
[217] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/956bbc096e005bab1e7bf5d512a4331397052019
[218] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/d1704b2b6ca8a3bbabeb95f30df2dbf199f0030f
[219] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/27ffab3377665d19834f6c84236c04bb81ade319
[220] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ef3b4fed8b2397ea87821207ab84f97b6dbb4362
[221] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/b516a0c6d06bcc74d11718394afb59c7011f5bc2

10.58.3 ⚙ Miscellaneous Tasks

- *(bump-my-version)* Config - (3e8495f[222])
- *(sonarqube)* Signal we have to be compatible with 3.11 so we cannot use the new type parameter syntax of Python 3.12 - (4146430[223])
- *(sonarqube)* No shallow clone - (34c1473[224])
- *(sonarqube)* Exclude node_modules - (77d164d[225])
- *(sonarqube)* Exclusions - (69f6913[226])
- *(sonarqube)* Issue - (787dceb[227])
- Introduce bump-my-version - (e5882d4[228])
- Reenable pre-commit hook - (a7f1117[229])

10.58.4 ◀ Revert

- Test all versions in pre-commit - (072e711[230])

10.58.5 Change

- VERSION - (a022593[231])
- File placement - (ad2451f[232])

10.58.6 Enh

- *(cairo)* User friendly error display if not installed - (6cb8aac[233])

10.58.7 Enh/doc

- *(Docker)* Polish a bit - (17551f5[234])

10.59 0.0.28[235] - 2024-12-22

10.59.1 🐛 Bug Fixes

- *(docker)* Typo - (dda0c91[236])

10.59.2 🚜 Refactor

- *(mcp)* Reduce complexity - (8bc1b6f[237])
- *(sonarqube)* A few issues identified - (e092e58[238])

[222] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/3e8495f114cda6811bc938c08f1ce7a3b78608c5
[223] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/41464302f77c083c80458a074f4897e33bfe2f9a
[224] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/34c1473483385425f3c8b519f95a5d9ca01da094
[225] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/77d164d5a0735a5bd6acf6f748b3b0f3acdaf1d4
[226] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/69f69131927a3e087a3df6e20864b16a0c74935f
[227] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/787dceb5c93dc4c806eebf7ef8660e496a692d00
[228] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/e5882d431f9378aff9ea5496cba19f1437e1b5ea
[229] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a7f1117ba95fe0a60e4cc68975f3d35663f6e8d3
[230] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/072e711d528971b234dc9aaadd1bcbfeb2068abf
[231] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a02259381135236a5cb4e9e1955d658bb957502a
[232] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ad2451f78fa0cd2413e1532a41adaa54ea80350f
[233] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6cb8aacdc3080a36d63ec79f8638cf44ccbdf691
[234] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/17551f5bf564ecb0cba3b79f647f475da08b0720
[235] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.27..v0.0.28
[236] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/dda0c919957fd5800b43f7e827e582a0c5091750
[237] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/8bc1b6f87115ae4682b07a20fb75689365ba1773
[238] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/e092e58470c0bf8f7424848bc93a3209b0105af1

10.59.3 📚 Documentation

- *(gitbook)* Link - (4a08b83[239])
- Github activity badge - (420e052[240])
- Sonarqube badges - (38aa531[241])

10.59.4 🧪 Testing

- *(claude)* Log - (7c51114[242])
- *(confluence)* Fix missing mock - (2c9abbf[243])
- *(inspector)* Enough for today - (08cccfa[244])
- *(sonarqube)* More - (8156649[245])
- *(sonarqube)* To reach quality gate - (46600f3[246])
- 80% - (6b75807[247])

10.59.5 ⚙ Miscellaneous Tasks

- *(sonarqube)* Switch to CI mode - (df26e87[248])
- *(sonqarqube)* Coverage to not include build tools - (f320564[249])

10.59.6 Security

- *(sonarqube)* Enforce SSL on nodejs setup - (01b811d[250])
- Do not silently install recommended packages - (02e7ef1[251])

10.60 0.0.27[252] - 2024-12-21

10.60.1 🐛 Bug Fixes

- *(test)* Claude restart not supported on linux - (26e0e36[253])
- *(test)* Starbridge.png - (a10d2d3[254])

10.60.2 📚 Documentation

- *(badge)* Docker - (2643ddb[255])
- Badge name - (5e29216[256])

[239] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/4a08b83ed770c7e7a9a8a57151ceab993b29e86f
[240] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/420e0522e5d9d2a29d2db49a2de19b5877596137
[241] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/38aa53144e2cbfd09a8faab73ce5194f9195ba37
[242] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/7c51114b454f2f2ade2893223d132294777c69f7
[243] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/2c9abbfdcc0d740c0d236eae0cc503bd946a5e80
[244] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/08cccfadc97247014a93e3a87fb383057472c015
[245] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/8156649c06711a148972bbfc441c123ed015df10
[246] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/46600f3d06b9d9da244bfd0d89580311eca3dba5
[247] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6b75807841e1ff2e4e975bfce10357ebf5024a0a
[248] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/df26e879301cf8c05ce4de315f4318419ecd2c64
[249] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/f3205648ecbf3478f99880f39b21fa42e92a8836
[250] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/01b811d607746eae6a927ed9fa324ccb894081df
[251] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/02e7ef1c7fc1bd2f56eb2e690262fb4ea7b7b464
[252] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.26..v0.0.27
[253] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/26e0e360e2b9e4c3b4978ea0d3a3d150a274f6c5
[254] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a10d2d360f554fa616d536dab65080f21f152223
[255] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/2643ddbb871cbc048309cc440fbbcaddf8f71a61
[256] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5e292164e2bc3c95abeb23d2f5fe69e3ef60164d

10.60.3 🧪 Testing

- *(fix)* No restart on test for uninstall - (9632421[257])

10.60.4 ⚙ Miscellaneous Tasks

- *(release)* V0.0.27 - (5066b2b[258])

10.61 0.0.26[259] - 2024-12-21

10.61.1 🧪 Testing

- *(cli,mcp,env)* More - (89eb328[260])

10.62 0.0.25[261] - 2024-12-21

10.62.1 🐛 Bug Fixes

- Indicate exit on fail - (8b3e4e0[262])
- Epilog - (753bb92[263])
- Missing dependency in github action - (1a723d1[264])

10.62.2 🚜 Refactor

- *(cli)* No args is help auto-set for groups - (cd9ff88[265])

10.62.3 📚 Documentation

- Fix - (790ddcd[266])

10.62.4 🧪 Testing

- *(claude,hello)* A bit - (8f5593f[267])
- *(mcp)* Enable cross-process mocks with fixture - (6713c83[268])
- *(mcp)* More tests, and test-coverage across processes - (e47cc49[269])
- *(mcp)* Start - (3f3c282[270])
- Fix - (bf48cc8[271])

[257] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/96324212420cfe7c7e60aa8d238508378e7599c8
[258] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5066b2bd99a9f700e70efca958ab51b5f3727077
[259] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.25..v0.0.26
[260] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/89eb328bb5eb396b676f763ad53fbae72f1cb5e2
[261] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.24..v0.0.25
[262] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/8b3e4e0ee5f592e92ba95808ed424d69afc4af47
[263] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/753bb9243284179f16a3a8f0f35c000fa698ad45
[264] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/1a723d17692baeee74209cd93d1c3a3e874175ca
[265] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/cd9ff88871eb57240e5603155f2b453150ce6a08
[266] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/790ddcd1ba52fbc022fbf9372ca4af3c27fae034
[267] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/8f5593f67700ab500415cd65789c4a5586da1a84
[268] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6713c832910004f755ad42660f8759ed0343f2a3
[269] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/e47cc498427b64ac765f28f4423c5a1d5c93757b
[270] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/3f3c2825e314abfb00243615aea7c75cf12c580d
[271] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/bf48cc8c0a896fa2e57e51b8b0353bd6a3d219a4

10.62.5 ⚙ Miscellaneous Tasks

- *(test)* Upload test executions to codecov - (873ddb7[272])

10.62.6 Change

- Epilog - (d6d52d1[273])

10.62.7 Enh

- *(logging)* Fatal is an alias of critical - (8105621[274])

10.63 0.0.24[275] - 2024-12-21

10.63.1 🚜 Refactor

- Health, enh: logging - (cee8c75[276])

10.63.2 GITBOOK-2

- No subject - (844301c[277])

10.64 0.0.23[278] - 2024-12-20

10.64.1 ⚙ Miscellaneous Tasks

- Polish for otel instrumentation - (05bcc12[279])

10.65 0.0.22[280] - 2024-12-20

10.65.1 🐛 Bug Fixes

- .env.example for Docker - (059e16e[281])

10.66 0.0.21[282] - 2024-12-20

10.66.1 ⚙ Miscellaneous Tasks

- Release 0.0.21 - (1155f73[283])

[272] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/873ddb7a59cb34b0b36cfc57e889bc6bd582a440
[273] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/d6d52d1dcd4c59d8c8fddb033f0c311984511096
[274] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/81056216958cc02ac4bc1554cd5cc446c11bd541
[275] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.23..v0.0.24
[276] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/cee8c7518a4e42f6458aecab70433a0ad3d43074
[277] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/844301cf994b4e46be4bd4f82cfe6b62372dccea
[278] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.22..v0.0.23
[279] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/05bcc12d1c727ca9b2f909e0eb150ceeff0735f9
[280] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.21..v0.0.22
[281] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/059e16ee3c8525c52336b7440e905ea3dbbc2b57
[282] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.20..v0.0.21
[283] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/1155f73e2cadcd34adeab966a5bb2c5a6ad6f877

10.67 0.0.20[284] - 2024-12-20

10.67.1 📚 Documentation

- Keywords - (b0668ef[285])
- Some - (ced4f86[286])

10.68 0.0.19[287] - 2024-12-20

10.68.1 🐛 Bug Fixes

- *(test)* Env.example - (39fcd4a[288])
- Various - (2fd7c4f[289])

10.68.2 🧪 Testing

- Enable matrix-testing - (7da1576[290])

10.68.3 ⚙ Miscellaneous Tasks

- Release 0.0.19 - (fa8294f[291])
- Focus on own code in pylance - (d2c50a1[292])

10.68.4 Cont

- *(instrumentation)* Some - (89cb601[293])

10.69 0.0.18[294] - 2024-12-19

10.69.1 📚 Documentation

- *(Docker)* Polish - (5746e83[295])

10.69.2 V0.0.18

- Docker polish - (46e05ec[296])

10.70 0.0.17[297] - 2024-12-19

10.70.1 ⚙ Miscellaneous Tasks

- *(Docker)* Arm64 - (ba6afda[298])

[284] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.19..v0.0.20
[285] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/b0668ef4807d18fc921b70c1d73b3ce7cedbf1f9
[286] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ced4f865f78df9499dc43463bce7c69154d7f2a1
[287] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.18..v0.0.19
[288] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/39fcd4a4b8c98272dc363d6c911873077f35dc2d
[289] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/2fd7c4f60dafea6921303b96c034becebf678a29
[290] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/7da15766393b5e49774d7e7541183773d5b13601
[291] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/fa8294fb832e9e02bda89aaeb0bb37facfdf65ba
[292] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/d2c50a19468dbeab53ee804e456822fa547ae078
[293] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/89cb6010c02231fbea8370b43ef1087226c4989c
[294] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.17..v0.0.18
[295] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5746e8308f92db5cb3597e0d0ad07539378e0b15
[296] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/46e05ec2a7b310d380da9824a9f1ecb083c10ffb
[297] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.16..v0.0.17
[298] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ba6afda4e9a9831368a972e0ec26ca270d78a1b6

10.71 0.0.16[299] - 2024-12-19

10.71.1 ⚙ Miscellaneous Tasks

- *(docker)* Refine - (ee749fc[300])

10.72 0.0.15[301] - 2024-12-19

10.72.1 ⚙ Miscellaneous Tasks

- *(workflows)* Test - (f36e0ac[302])

10.73 0.0.14[303] - 2024-12-19

10.73.1 ⚙ Miscellaneous Tasks

- *(workflows)* Test - (a3bb705[304])

10.74 0.0.13[305] - 2024-12-19

10.74.1 ⚙ Miscellaneous Tasks

- *(workflows)* Test - (113eb11[306])

10.75 0.0.12[307] - 2024-12-19

10.75.1 ⚙ Miscellaneous Tasks

- *(workflow)* Test - (63a476f[308])

10.76 0.0.11[309] - 2024-12-19

10.76.1 ⚙ Miscellaneous Tasks

- *(workflow)* Triggering - (d502a12[310])

10.77 0.0.10[311] - 2024-12-19

10.77.1 ⚙ Miscellaneous Tasks

- *(docker)* Release environment - (7ec9c40[312])

[299] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.15..v0.0.16
[300] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ee749fceeb9df60bafdbc455950dfa14494ebb81
[301] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.14..v0.0.15
[302] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/f36e0ac273ee95cb9d1b4c53160ce9d72cc0ad1d
[303] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.13..v0.0.14
[304] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a3bb705bf8feb3f56b6a15c462566ad6b3a6c621
[305] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.12..v0.0.13
[306] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/113eb11db86bb33d7839a316d8222236435f2c61
[307] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.11..v0.0.12
[308] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/63a476f8627dcaaab49a9d0dd03756e98cde787d
[309] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.10..v0.0.11
[310] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/d502a12213e95c507a506b5db8bb6a387a0ef078
[311] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.9..v0.0.10
[312] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/7ec9c4014847639277a8da08a15884ea03148703

- *(release)* Prep - (f7894f7[313])

10.78 0.0.9[314] - 2024-12-19

10.78.1 ⛺ Features

- *(Docker)* Start; refactor(logging, settings): continue - (ba3cc07[315])
- Run starbridge within Docker - (cf8c1ac[316])

10.79 0.0.8[317] - 2024-12-18

10.79.1 🐛 Bug Fixes

- *(inspector)* Remove old script - now callable via uv run starbridge mcp inspect - (f74994c[318])

10.79.2 ⚙ Miscellaneous Tasks

- *(devcontainer)* Complete - (51489b6[319])
- *(devcontainer)* Continue - (81c2079[320])

10.80 [0.0.7] - 2024-12-18

10.80.1 ⛺ Features

- *(confluence)* More tools - (a7cdb48[321])
- Listing spaces and creating pages in Confluence - (7eb4828[322])

10.80.2 🐛 Bug Fixes

- Prompt template - (d58f669[323])
- Health down in ci - (1299a87[324])
- Tools - (6331cb7[325])

10.80.3 🚜 Refactor

- *(mcp)* Cli - (a51e0d2[326])
- Continue - (74e8305[327])
- Simplify - (a366a4e[328])

[313] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/f7894f72f6288c613159d436f0faefedd7a842a7
[314] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.8..v0.0.9
[315] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/ba3cc070a329632bc394993e822162184e46d52a
[316] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/cf8c1aca01e514c52e7e8d7809cf7440a2bc2a78
[317] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/compare/v0.0.7..v0.0.8
[318] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/f74994c640809bd135ee96a0054ea2e4a5a5a2c3
[319] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/51489b6f8a50081f6bcfeaa3cfa2d192f9baf191
[320] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/81c20791c4529442cd0a819b36324362f7fd4ee8
[321] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a7cdb48a6a9385964b0de7dfdf9c91dff98b9752
[322] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/7eb4828ea407f09ff598977dfe95927afae058fd
[323] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/d58f66920bd30a16f05519ddb7f67e153224df36
[324] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/1299a87ce7752a08e62d37cc18476467b3280b51
[325] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/6331cb760a81512348862737ce76547f7351cb0d
[326] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a51e0d2d9880d5b0d3af0b6ac97c17e70771229e
[327] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/74e8305d26f41c189ea5f7ea4ec7ce2d76eacdf7
[328] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a366a4e3235865ff68b7747696b69ffce5936ad0

10.80.4 📚 Documentation

- *(setup)* Tweaks - (8aeaca9[329])
- Simplify install - (512356f[330])
- Badges (#8[331]) - (4533df8[332])
- .env - (f008988[333])

10.80.5 🧪 Testing

- Pytest.ini - (c704f8a[334])

10.80.6 ⚙ Miscellaneous Tasks

- *(codespace)* Some - (5acd68d[335])
- Spike devcontainer - (a1bdf98[336])
- Publish permissions - (a5bc070[337])
- Logfire spike - (7e356c0[338])
- Codecov badge - (941350f[339])
- Codecov - (d733a28[340])
- Configure Renovate (#3[341]) - (c3725e3[342])
- More info - (02d30f9[343])

10.80.7 Other

- Continue - (9df04f3[344])

10.80.8 Release

- Prep - (519787f[345])

10.81 New Contributors ❤

- @helmut-hoffer-von-ankershoffen made their first contribution
- @renovate[bot] made their first contribution in #5[346]

[329] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/8aeaca9c61ad85a45cd7d0af74d167d584eff929
[330] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/512356fd21a012f4ea05cb544b7fa6d4ff6895f8
[331] https://github.com/orhun/git-cliff/issues/8
[332] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/4533df8613600d76f49374dad24c7dda1e148dd7
[333] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/f0089880f4981ff8bd68b17c903ecd8103d4cae9
[334] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/c704f8a09191d51f1f2cd9c23b40c507813e9bf4
[335] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/5acd68d1db9bd8d4487f74fed0f6a235ac407657
[336] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a1bdf984179f3adaf43417947b61e8cbeab77d80
[337] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/a5bc0701b32f928c0690a21aab2818cbbee1430e
[338] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/7e356c05998c9cdc00352401125456f973b0b32c
[339] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/941350f3728e69e06f15a91e0a7af3d241a7b854
[340] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/d733a28fe48e473c14373039a91feb1e45d9c593
[341] https://github.com/orhun/git-cliff/issues/3
[342] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/c3725e384667b7111ffb0dbd19354122b22f202f
[343] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/02d30f92441595d2205ff6a068cc4dae6ff20bf8
[344] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/9df04f3a9b874e528847ffb62f91f3cd46fbe6f4
[345] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/commit/519787f154f795fcf9b4f00c9c0b5e04bb613cea
[346] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/pull/5

CHAPTER

ELEVEN

SECURITY POLICY

11.1 Reporting Security Issues

If you discover a security vulnerability in Starbridge, please report it here[347].

We take all security reports seriously. Upon receiving a security report, we will:

1. Confirm receipt of the vulnerability report
2. Investigate the issue
3. Work on a fix
4. Release a security update

11.2 Supported Versions

We currently provide security updates for the latest minor version.

11.3 Automated Security Analysis

Starbridge employs several automated tools to continuously monitor and improve security:

11.3.1 1. Vulnerability Scanning

a. **`GitHub Dependabot <https://github.com/dependabot>`__**: Monitors dependencies for vulnerabilities pre and post release on GitHub. Dependendabot alerts[348] published.

b. **`Renovate <https://www.mend.io/renovate/>`__**: Monitors dependencies for vulnerabilities pre and post release on GitHub. Dependency Dashboard[349] published.

c. **`pip-audit <https://pypi.org/project/pip-audit/>`__**: Pre commit to GitHub scans Python dependencies for known vulnerabilities using data from the Python Advisory Database[350]. `vulnerabilities.json` published per release[351].

d. **`trivy <https://trivy.dev/latest/>`__**: Pre commit to GitHub scans Python dependencies for known vulnerabilities using data from GitHub Advisory Database[352] and OSV.dev[353]. `sbom.spdx` published per release[354].

[347] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/security/advisories/new
[348] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/security/dependabot
[349] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/issues?q=is%3Aissue%20state%3Aopen%20Dependency%20Dashboard
[350] https://github.com/pypa/advisory-database
[351] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/releases
[352] https://github.com/advisories?query=ecosystem%3Apip
[353] https://osv.dev/list?q=&ecosystem=PyPI
[354] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/releases

11.3.2 2. License Compliance Checks and Software Bill of Materials (SBOM)

a. **`pip-licenses <https://pypi.org/project/pip-licenses/>`_**: Inspects and matches the licenses of all dependencies with allow list to ensure compliance with licensing requirements and avoid using components with problematic licenses. `licenses.csv`, `licenses.json` and `licenses_grouped.json` published per release[355]. a. **`cyclonedx-py <https://github.com/CycloneDX/cyclonedx-python>`_**: Generates Software Bill of Materials (SBOM) in CycloneDX[356] format, listing all components and dependencies used in the project. `sbom.json` published per release[357]. d. **`trivy <https://trivy.dev/latest/>`_**: Generates Software Bill of Materials (SBOM) in SPDX[358] format, listing all components and dependencies used in the project. `sbom.spdx` published per release[359].

11.3.3 3. Static Code Analysis

a. **`GitHub CodeQL <https://codeql.github.com/>`_**: Analyzes code for common vulnerabilities and coding errors using GitHub's semantic code analysis engine. Code scanning results[360] published.

b. **`SonarQube <https://www.sonarsource.com/products/sonarcloud/>`_**: Performs comprehensive static code analysis to detect code quality issues, security vulnerabilities, and bugs. Security hotspots[361] published.

11.3.4 4. Secret Detection

a. **`GitHub Secret scanning <https://docs.github.com/en/code-security/secret-scanning/introduction/`** Automatically scans for secrets in the codebase and alerts if any are found. Secret scanning alerts[362] published.

b. **`Yelp/detect-secrets <https://github.com/Yelp/detect-secrets>`_**: Pre-commit hook and automated scanning to prevent accidental inclusion of secrets or sensitive information in commits. Pre-Commit hook[363] published.

11.4 Security Best Practices

We follow these security best practices:

1. Regular dependency updates
2. Comprehensive test coverage
3. Code review process for changes by external contributors
4. Automated CI/CD pipelines including security checks
5. Adherence to Python security best practices

We promote security awareness among contributors and users:

1. We indicate security as a priority in our code style guide, to be followed by human and agentic contributors as mandatory
2. We publish our security posture in SECURITY.md (this document), encouraring users to report vulnerabilities.

[355] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/releases
[356] https://cyclonedx.org/
[357] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/releases
[358] https://spdx.dev/
[359] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/releases
[360] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/security/code-scanning
[361] https://sonarcloud.io/project/security_hotspots?id=helmut-hoffer-von-ankershoffen_starbridge
[362] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/security/secret-scanning
[363] https://github.com/helmut-hoffer-von-ankershoffen/starbridge/blob/main/.pre-commit-config.yaml

11.5 Security Compliance

For questions about security compliance or for more details about our security practices, please contact helmuthva@googlemail.com.

CHAPTER

TWELVE

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13.1 CacheControl (0.14.2) - Apache Software License

httplib2 caching for requests

- URL: https://pypi.org/project/CacheControl/
- Author(s): Eric Larson ericlarson@ionrock.com, Frost Ming me@frostming.com, William Woodruff william@yossarian.net

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13.2 CairoSVG (2.7.1) - GNU Lesser General Public License v3 or later (LGPLv3+)

A Simple SVG Converter based on Cairo

- URL: https://courtbouillon.org/cairosvg
- Author(s): Guillaume Ayoub

13.3 Deprecated (1.2.18) - MIT License

Python @deprecated decorator to deprecate old python classes, functions or methods.

- URL: https://github.com/laurent-laporte-pro/deprecated
- Author(s): Laurent LAPORTE

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GitPython is a Python library used to interact with Git repositories

- URL: https://github.com/gitpython-developers/GitPython
- Author(s): Sebastian Thiel, Michael Trier

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A very fast and expressive template engine.

- URL: https://github.com/pallets/jinja/
- Maintainer(s): Pallets contact@palletsprojects.com

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Python implementation of John Gruber's Markdown.

- URL: https://Python-Markdown.github.io/
- Author(s): Manfred Stienstra, Yuri Takhteyev
- Maintainer(s): Isaac Muse

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13.7 MarkupSafe (3.0.2) - BSD License

Safely add untrusted strings to HTML/XML markup.

- URL: https://github.com/pallets/markupsafe/
- Maintainer(s): Pallets contact@palletsprojects.com

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13.8 Protego (0.4.0) - BSD License

Pure-Python robots.txt parser with support for modern conventions

- URL: https://github.com/scrapy/protego
- Author(s): Anubhav Patel

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A high performance Python library for data extraction, analysis, conversion & manipulation of PDF (and other) documents.

- URL: https://github.com/pymupdf/pymupdf
- Author(s): Artifex

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13.10 PyYAML (6.0.2) - MIT License

YAML parser and emitter for Python

- URL: https://pyyaml.org/
- Author(s): Kirill Simonov

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- URL: https://pygments.org
- Author(s): Georg Brandl georg@python.org
- Maintainer(s): Matthäus G. Chajdas

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13.12 Send2Trash (1.8.3) - BSD License

Send file to trash natively under Mac OS X, Windows and Linux

- URL: https://github.com/arsenetar/send2trash
- Author(s): Andrew Senetar

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13.13 Sphinx (8.2.3) - UNKNOWN

Python documentation generator

- URL: https://www.sphinx-doc.org/
- Author(s): Adam Turner aa-turner@users.noreply.github.com, Georg Brandl georg@python.org

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13.14 alabaster (1.0.0) - BSD License

A light, configurable Sphinx theme

- URL: https://alabaster.readthedocs.io/
- Maintainer(s): Adam Turner

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- URL: https://github.com/vega/altair
- Author(s): Vega-Altair Contributors

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13.16 annotated-types (0.7.0) - MIT License

Reusable constraint types to use with typing.Annotated

- URL: https://github.com/annotated-types/annotated-types
- Author(s): Adrian Garcia Badaracco 1755071+adriangb@users.noreply.github.com, Samuel Colvin s@muelcolvin.com, Zac Hatfield-Dodds zac@zhd.dev

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High level compatibility layer for multiple asynchronous event loop implementations

- URL: https://anyio.readthedocs.io/en/stable/versionhistory.html
- Author(s): Alex Grönholm alex.gronholm@nextday.fi

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13.18 apeye (1.4.1) - GNU Lesser General Public License v3 or later (LGPLv3+)

Handy tools for working with URLs and APIs.

- URL: https://github.com/domdfcoding/apeye
- Author(s): Dominic Davis-Foster dominic@davis-foster.co.uk

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13.19 apeye-core (1.1.5) - BSD License

Core (offline) functionality for the apeye library.

- URL: https://github.com/domdfcoding/apeye-core
- Author(s): Dominic Davis-Foster dominic@davis-foster.co.uk

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13.20 appnope (0.1.4) - BSD License

Disable App Nap on macOS >= 10.9

- URL: http://github.com/minrk/appnope
- Author(s): Min Ragan-Kelley

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13.21 argcomplete (3.6.0) - Apache Software License

Bash tab completion for argparse

- URL: https://github.com/kislyuk/argcomplete
- Author(s): Andrey Kislyuk
- Maintainer(s): Andrey Kislyuk

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13.22 argon2-cffi (23.1.0) - MIT License

Argon2 for Python

- URL: https://github.com/hynek/argon2-cffi/blob/main/CHANGELOG.md
- Author(s): Hynek Schlawack hs@ox.cx

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13.23 argon2-cffi-bindings (21.2.0) - MIT License

Low-level CFFI bindings for Argon2

- URL: https://github.com/hynek/argon2-cffi-bindings
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13.24 arrow (1.3.0) - Apache Software License

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- URL: https://github.com/arrow-py/arrow
- Author(s): Chris Smith crsmithdev@gmail.com

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13.25 asgiref (3.8.1) - BSD License

ASGI specs, helper code, and adapters

- URL: https://github.com/django/asgiref/
- Author(s): Django Software Foundation

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13.26 asttokens (3.0.0) - Apache 2.0

Annotate AST trees with source code positions

- URL: https://github.com/gristlabs/asttokens
- Author(s): Dmitry Sagalovskiy, Grist Labs

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13.27 async-lru (2.0.4) - MIT License

Simple LRU cache for asyncio

- URL: https://github.com/aio-libs/async-lru
- Maintainer(s): aiohttp team team@aiohttp.org

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13.28 atlassian-python-api (4.0.3) - Apache Software License

Python Atlassian REST API Wrapper

- URL: https://github.com/atlassian-api/atlassian-python-api
- Author(s): Matt Harasymczuk
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13.29 attrs (25.3.0) - UNKNOWN

Classes Without Boilerplate

- URL: https://www.attrs.org/en/stable/changelog.html
- Author(s): Hynek Schlawack hs@ox.cx

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- URL: https://github.com/mansenfranzen/autodoc_pydantic
- Author(s): mansenfranzen

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13.31 autodocsumm (0.2.14) - Apache Software License

Extended sphinx autodoc including automatic autosummaries

- URL: https://github.com/Chilipp/autodocsumm
- Author(s): “Philipp S. Sommer” philipp.sommer@hereon.de

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13.32 babel (2.17.0) - BSD License

Internationalization utilities

- URL: https://babel.pocoo.org/
- Author(s): Armin Ronacher
- Maintainer(s): Aarni Koskela

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13.33 beautifulsoup4 (4.13.3) - MIT License

Screen-scraping library

- URL: https://www.crummy.com/software/BeautifulSoup/bs4/

- Author(s): Leonard Richardson leonardr@segfault.org

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13.34 bleach (6.2.0) - Apache Software License

An easy safelist-based HTML-sanitizing tool.

- URL: https://github.com/mozilla/bleach
- Maintainer(s): Will Kahn-Greene

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13.35 blinker (1.9.0) - MIT License

Fast, simple object-to-object and broadcast signaling

- URL: https://github.com/pallets-eco/blinker/
- Author(s): Jason Kirtland
- Maintainer(s): Pallets Ecosystem contact@palletsprojects.com

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13.36 boolean.py (4.0) - BSD-2-Clause

Define boolean algebras, create and parse boolean expressions and create custom boolean DSL.

- URL: https://github.com/bastikr/boolean.py
- Author(s): Sebastian Kraemer

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13.37 bracex (2.5.post1) - MIT License

Bash style brace expander.

- URL: https://github.com/facelessuser/bracex
- Author(s): Isaac Muse Isaac.Muse@gmail.com

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13.38 brave-search-python-client (0.4.14) - MIT License

🦁 Brave Search Python Client supporting Web, Image, News and Video search.

- URL: https://brave-search-python-client.readthedocs.io/en/latest/
- Author(s): Helmut Hoffer von Ankershoffen helmuthva@googlemail.com

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13.39 bump-my-version (1.1.1) - MIT License

Version bump your Python project

- URL: https://github.com/callowayproject/bump-my-version
- Author(s): Corey Oordt coreyoordt@gmail.com

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13.40 cachetools (5.5.2) - MIT License

Extensible memoizing collections and decorators

- URL: https://github.com/tkem/cachetools/
- Author(s): Thomas Kemmer

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13.41 cairocffi (1.7.1) - BSD License

cffi-based cairo bindings for Python

- URL: https://doc.courtbouillon.org/cairocffi/stable/changelog.html
- Author(s): Simon Sapin contact@courtbouillon.org
- Maintainer(s): CourtBouillon contact@courtbouillon.org

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13.42 certifi (2025.1.31) - Mozilla Public License 2.0 (MPL 2.0)

Python package for providing Mozilla's CA Bundle.

- URL: https://github.com/certifi/python-certifi
- Author(s): Kenneth Reitz

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ca-bundle.crt -- Bundle of CA Root Certificates

This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt).  This file can be found in the mozilla source tree:
https://hg.mozilla.org/mozilla-central/file/tip/security/nss/lib/ckfw/builtins/certdata.txt
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
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13.43 cffi (1.17.1) - MIT License

Foreign Function Interface for Python calling C code.

- URL: http://cffi.readthedocs.org
- Author(s): Armin Rigo, Maciej Fijalkowski

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13.44 cfgv (3.4.0) - MIT License

Validate configuration and produce human readable error messages.

- URL: https://github.com/asottile/cfgv
- Author(s): Anthony Sottile

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13.45 chardet (5.2.0) - GNU Lesser General Public License v2 or later (LGPLv2+)

Universal encoding detector for Python 3

- URL: https://github.com/chardet/chardet
- Author(s): Mark Pilgrim
- Maintainer(s): Daniel Blanchard

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distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.
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    with the Library, with the complete machine-readable "work that
    uses the Library", as object code and/or source code, so that the
    user can modify the Library and then relink to produce a modified
    executable containing the modified Library.  (It is understood
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    b) Use a suitable shared library mechanism for linking with the
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which the executable runs, unless that component itself accompanies
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  <signature of Ty Coon>, 1 April 1990
  Ty Coon, President of Vice

That's all there is to it!
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13.46 charset-normalizer (3.4.1) - MIT License

The Real First Universal Charset Detector. Open, modern and actively maintained alternative to Chardet.

- URL: https://github.com/jawah/charset_normalizer/blob/master/CHANGELOG.md
- Author(s): "Ahmed R. TAHRI" tahri.ahmed@proton.me
- Maintainer(s): "Ahmed R. TAHRI" tahri.ahmed@proton.me

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13.47 click (8.1.8) - BSD License

Composable command line interface toolkit

- URL: https://github.com/pallets/click/
- Maintainer(s): Pallets contact@palletsprojects.com

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13.48 cobble (0.1.4) - BSD License

Create data objects

- URL: http://github.com/mwilliamson/python-cobble
- Author(s): Michael Williamson

13.49 colorama (0.4.6) - BSD License

Cross-platform colored terminal text.

- URL: https://github.com/tartley/colorama
- Author(s): Jonathan Hartley tartley@tartley.com

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13.50 coloredlogs (15.0.1) - MIT License

Colored terminal output for Python's logging module

- URL: https://coloredlogs.readthedocs.io
- Author(s): Peter Odding

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13.51 colorlog (6.9.0) - MIT License

Add colours to the output of Python's logging module.

- URL: https://github.com/borntyping/python-colorlog
- Author(s): Sam Clements

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13.52 comm (0.2.2) - BSD License

Jupyter Python Comm implementation, for usage in ipykernel, xeus-python etc.

- URL: https://github.com/ipython/comm
- Author(s): Jupyter contributors

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13.53 contourpy (1.3.1) - BSD License

Python library for calculating contours of 2D quadrilateral grids

- URL: https://github.com/contourpy/contourpy
- Author(s): Ian Thomas ianthomas23@gmail.com

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13.54 coverage (7.6.12) - Apache Software License

Code coverage measurement for Python

- URL: https://github.com/nedbat/coveragepy
- Author(s): Ned Batchelder and 236 others

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cryptography is a package which provides cryptographic recipes and primitives to Python developers.

- URL: https://github.com/pyca/cryptography
- Author(s): The cryptography developers cryptography-dev@python.org

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13.56 cssselect2 (0.8.0) - BSD License

CSS selectors for Python ElementTree

- URL: https://doc.courtbouillon.org/cssselect2/
- Author(s): Simon Sapin simon.sapin@exyr.org
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13.57 cssutils (2.11.1) - GNU Library or Lesser General Public License (LGPL)

A CSS Cascading Style Sheets library for Python

- URL: https://github.com/jaraco/cssutils
- Author(s): Christof Hoeke c@cthedot.de
- Maintainer(s): "Jason R. Coombs" jaraco@jaraco.com

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13.58 cycler (0.12.1) - BSD License

Composable style cycles

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- Author(s): Thomas A Caswell matplotlib-users@python.org

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13.59 cyclonedx-bom (5.3.0) - Apache Software License

CycloneDX Software Bill of Materials (SBOM) generator for Python projects and environments

- URL: https://github.com/CycloneDX/cyclonedx-python/#readme
- Author(s): Jan Kowalleck
- Maintainer(s): Jan Kowalleck

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13.60 cyclonedx-py (1.0.1) - UNKNOWN

Alias for package 'cyclonedx-bom'

- URL: https://github.com/CycloneDX/cyclonedx-python/#package_aliases/cyclonedx-py

13.61 cyclonedx-python-lib (8.9.0) - Apache Software License

Python library for CycloneDX

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- Author(s): Paul Horton
- Maintainer(s): Jan Kowalleck

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13.62 debugpy (1.8.13) - MIT License

An implementation of the Debug Adapter Protocol for Python

- URL: https://aka.ms/debugpy
- Author(s): Microsoft Corporation

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Decorators for Humans

- URL: UNKNOWN

- Author(s): Michele Simionato michele.simionato@gmail.com

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13.64 defusedxml (0.7.1) - Python Software Foundation License

XML bomb protection for Python stdlib modules

- URL: https://github.com/tiran/defusedxml
- Author(s): Christian Heimes
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13.65 dependency-groups (1.3.0) - UNKNOWN

A tool for resolving PEP 735 Dependency Group data

- URL: https://github.com/sirosen/dependency-groups
- Author(s): Stephen Rosen sirosen0@gmail.com

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Tool for detecting secrets in the codebase

- URL: https://github.com/Yelp/detect-secrets
- Author(s): Yelp, Inc.

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13.67 dict2css (0.3.0.post1) - MIT License

A μ-library for constructing cascading style sheets from Python dictionaries.

- URL: https://github.com/sphinx-toolbox/dict2css
- Author(s): Dominic Davis-Foster dominic@davis-foster.co.uk

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13.68 distlib (0.3.9) - Python Software Foundation License

Distribution utilities

- URL: https://github.com/pypa/distlib
- Author(s): Vinay Sajip

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC.  Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team.  In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com).  In 2001, the Python Software
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    2.0             1.6         2000        BeOpen.com  no
    1.6.1           1.6         2001        CNRI        yes (2)
    2.1             2.0+1.6.1   2001        PSF         no
    2.0.1           2.0+1.6.1   2001        PSF         yes
    2.1.1           2.1+2.0.1   2001        PSF         yes
    2.2             2.1.1       2001        PSF         yes
    2.1.2           2.1.1       2002        PSF         yes
    2.1.3           2.1.2       2002        PSF         yes
    2.2.1           2.2         2002        PSF         yes
    2.2.2           2.2.1       2002        PSF         yes
    2.2.3           2.2.2       2003        PSF         yes
    2.3             2.2.2       2002-2003   PSF         yes
    2.3.1           2.3         2002-2003   PSF         yes
    2.3.2           2.3.1       2002-2003   PSF         yes
    2.3.3           2.3.2       2002-2003   PSF         yes
    2.3.4           2.3.3       2004        PSF         yes
    2.3.5           2.3.4       2005        PSF         yes
    2.4             2.3         2004        PSF         yes
    2.4.1           2.4         2005        PSF         yes
    2.4.2           2.4.1       2005        PSF         yes
    2.4.3           2.4.2       2006        PSF         yes
    2.4.4           2.4.3       2006        PSF         yes
    2.5             2.4         2006        PSF         yes
    2.5.1           2.5         2007        PSF         yes
    2.5.2           2.5.1       2008        PSF         yes
    2.5.3           2.5.2       2008        PSF         yes
    2.6             2.5         2008        PSF         yes
    2.6.1           2.6         2008        PSF         yes
    2.6.2           2.6.1       2009        PSF         yes
    2.6.3           2.6.2       2009        PSF         yes
    2.6.4           2.6.3       2009        PSF         yes
    2.6.5           2.6.4       2010        PSF         yes
    3.0             2.6         2008        PSF         yes
    3.0.1           3.0         2009        PSF         yes
    3.1             3.0.1       2009        PSF         yes
    3.1.1           3.1         2009        PSF         yes
    3.1.2           3.1         2010        PSF         yes
    3.2             3.1         2010        PSF         yes

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- URL: https://www.dnspython.org
- Author(s): Bob Halley halley@dnspython.org

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- URL: https://docutils.sourceforge.io
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  | test/test_parsers/test_rst/test_directives/test_code_parsing.py,
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13.71 domdf_python_tools (3.10.0) - MIT License

Helpful functions for Python

- URL: https://github.com/domdfcoding/domdf_python_tools
- Author(s): Dominic Davis-Foster dominic@davis-foster.co.uk

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- URL: https://github.com/JoshData/python-email-validator
- Author(s): Joshua Tauberer

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Tools to expand Python's enum module.

- URL: https://github.com/domdfcoding/enum_tools
- Author(s): Dominic Davis-Foster dominic@davis-foster.co.uk

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13.74 et_xmlfile (2.0.0) - MIT License

An implementation of lxml.xmlfile for the standard library

- URL: https://foss.heptapod.net/openpyxl/et_xmlfile
- Author(s): See AUTHORS.txt

13.74.1 License Text

```
et_xml is licensed under the MIT license; see the file LICENCE for details.

et_xml includes code from the Python standard library, which is licensed under
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is included below for compliance with Python's terms.

This module includes corrections and new features as follows:
- Correct handling of attributes namespaces when a default namespace
  has been registered.
- Records the namespaces for an Element during parsing and utilises them to
  allow inspection of namespaces at specific elements in the xml tree and
  during serialisation.

Misc:
- Includes the test_xml_etree with small modifications for testing the
  modifications in this package.

----------------------------------------------------------------------

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A. HISTORY OF THE SOFTWARE
==========================

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see https://www.cwi.nl) in the Netherlands
as a successor of a language called ABC.  Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see https://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team.  In October of the same
year, the PythonLabs team moved to Digital Creations, which became
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Zope Corporation.  In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.
Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see https://opensource.org for
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releases have also been GPL-compatible; the table below summarizes
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    Release         Derived     Year        Owner       GPL-
                    from                                compatible? (1)

    0.9.0 thru 1.2              1991-1995   CWI         yes
    1.3 thru 1.5.2  1.2         1995-1999   CNRI        yes
    1.6             1.5.2       2000        CNRI        no
    2.0             1.6         2000        BeOpen.com  no
    1.6.1           1.6         2001        CNRI        yes (2)
    2.1             2.0+1.6.1   2001        PSF         no
    2.0.1           2.0+1.6.1   2001        PSF         yes
    2.1.1           2.1+2.0.1   2001        PSF         yes
    2.1.2           2.1.1       2002        PSF         yes
    2.1.3           2.1.2       2002        PSF         yes
    2.2 and above   2.1.1       2001-now    PSF         yes

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    other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
    because its license has a choice of law clause.  According to
    CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
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Thanks to the many outside volunteers who have worked under Guido's
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13.75 execnet (2.1.1) - MIT License

execnet: rapid multi-Python deployment

- URL: https://execnet.readthedocs.io/en/latest/
- Author(s): holger krekel and others

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13.76 executing (2.2.0) - MIT License

Get the currently executing AST node of a frame, and other information

- URL: https://github.com/alexmojaki/executing
- Author(s): Alex Hall

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13.77 fastapi (0.115.12) - MIT License

FastAPI framework, high performance, easy to learn, fast to code, ready for production

- URL: https://github.com/fastapi/fastapi
- Author(s): =?utf-8?q?Sebasti=C3=A1n_Ram=C3=ADrez?= tiangolo@gmail.com

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13.78 fastapi-cli (0.0.7) - MIT License

Run and manage FastAPI apps from the command line with FastAPI CLI. 🚀

- URL: https://github.com/fastapi/fastapi-cli
- Author(s): =?utf-8?q?Sebasti=C3=A1n_Ram=C3=ADrez?= tiangolo@gmail.com

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13.79 fastjsonschema (2.21.1) - BSD License

Fastest Python implementation of JSON schema

- URL: https://github.com/horejsek/python-fastjsonschema
- Author(s): Michal Horejsek

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13.80 filelock (3.17.0) - The Unlicense (Unlicense)

A platform independent file lock.

- URL: https://github.com/tox-dev/py-filelock
- Maintainer(s): Bernát Gábor gaborjbernat@gmail.com

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13.81 flatbuffers (25.2.10) - Apache Software License

The FlatBuffers serialization format for Python

- URL: https://google.github.io/flatbuffers/
- Author(s): Derek Bailey

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- URL: http://github.com/fonttools/fonttools
- Author(s): Just van Rossum
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13.87 googleapis-common-protos (1.69.2) - Apache Software License

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13.88 griffe (1.7.2) - UNKNOWN

Signatures for entire Python programs. Extract the structure, the frame, the skeleton of your project, to generate API documentation or find breaking changes in your API.

- URL: https://mkdocstrings.github.io/griffe
- Author(s): =?utf-8?q?Timoth=C3=A9e_Mazzucotelli?= dev@pawamoy.fr

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13.89 h11 (0.14.0) - MIT License

A pure-Python, bring-your-own-I/O implementation of HTTP/1.1

- URL: https://github.com/python-hyper/h11
- Author(s): Nathaniel J. Smith

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13.90 html5lib (1.1) - MIT License

HTML parser based on the WHATWG HTML specification

- URL: https://github.com/html5lib/html5lib-python
- Maintainer(s): James Graham

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13.91 httpcore (1.0.7) - BSD License

A minimal low-level HTTP client.

- URL: https://www.encode.io/httpcore/
- Author(s): Tom Christie tom@tomchristie.com

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13.92 httptools (0.6.4) - MIT License

A collection of framework independent HTTP protocol utils.

- URL: https://github.com/MagicStack/httptools
- Author(s): Yury Selivanov

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13.93 httpx (0.28.1) - BSD License

The next generation HTTP client.

- URL: https://github.com/encode/httpx
- Author(s): Tom Christie tom@tomchristie.com

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13.94 httpx-sse (0.4.0) - MIT

Consume Server-Sent Event (SSE) messages with HTTPX.

- URL: https://github.com/florimondmanca/httpx-sse
- Author(s): Florimond Manca florimond.manca@protonmail.com

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Human friendly output for text interfaces using Python

- URL: https://humanfriendly.readthedocs.io
- Author(s): Peter Odding

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13.96 identify (2.6.9) - MIT License

File identification library for Python

- URL: https://github.com/pre-commit/identify
- Author(s): Chris Kuehl

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13.97 idna (3.10) - BSD License

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- URL: https://github.com/kjd/idna
- Author(s): Kim Davies kim+pypi@gumleaf.org

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13.98 imagesize (1.4.1) - MIT License

Getting image size from png/jpeg/jpeg2000/gif file

- URL: https://github.com/shibukawa/imagesize_py
- Author(s): Yoshiki Shibukawa

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13.99 importlib_metadata (8.6.1) - Apache Software License

Read metadata from Python packages

- URL: https://github.com/python/importlib_metadata
- Author(s): “Jason R. Coombs” jaraco@jaraco.com

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13.100 iniconfig (2.0.0) - MIT License

brain-dead simple config-ini parsing

- URL: https://github.com/pytest-dev/iniconfig
- Author(s): Ronny Pfannschmidt opensource@ronnypfannschmidt.de, Holger Krekel holger.krekel@gmail.com

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- URL: https://ipython.org
- Author(s): IPython Development Team ipython-dev@scipy.org

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- URL: https://github.com/ipython/ipython-pygments-lexers
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- URL: http://jupyter.org
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13.105 isoduration (20.11.0) - ISC License (ISCL)

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- URL: https://github.com/bolsote/isoduration
- Author(s): Víctor Muñoz

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- URL: https://github.com/pallets/itsdangerous/
- Maintainer(s): Pallets contact@palletsprojects.com

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13.107 jedi (0.19.2) - MIT License

An autocompletion tool for Python that can be used for text editors.

- URL: https://github.com/davidhalter/jedi
- Author(s): David Halter
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13.108 jmespath (1.0.1) - MIT License

JSON Matching Expressions

- URL: https://github.com/jmespath/jmespath.py
- Author(s): James Saryerwinnie

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13.109 json5 (0.10.0) - Apache Software License

A Python implementation of the JSON5 data format.

- URL: https://github.com/dpranke/pyjson5
- Author(s): Dirk Pranke dpranke@chromium.org

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13.110 jsonpointer (3.0.0) - BSD License

Identify specific nodes in a JSON document (RFC 6901)

- URL: https://github.com/stefankoegl/python-json-pointer
- Author(s): Stefan Kögl

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13.111 jsonschema (4.23.0) - MIT License

An implementation of JSON Schema validation for Python

- URL: https://github.com/python-jsonschema/jsonschema
- Author(s): Julian Berman Julian+jsonschema@GrayVines.com

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Multi-Language Server WebSocket proxy for Jupyter Notebook/Lab server

- URL: https://github.com/jupyter-lsp/jupyterlab-lsp/issues
- Author(s): jupyter-lsp Contributors

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Jupyter protocol implementation and client libraries

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The backend—i.e. core services, APIs, and REST endpoints—to Jupyter web applications.

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A Jupyter Server Extension Providing Terminals.

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Pygments theme using JupyterLab CSS variables

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13.125 kiwisolver (1.4.8) - BSD License

A fast implementation of the Cassowary constraint solver

- URL: https://github.com/nucleic/kiwi
- Author(s): The Nucleic Development Team sccolbert@gmail.com
- Maintainer(s): "Matthieu C. Dartiailh" m.dartiailh@gmail.com

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Chris Colbert began the Kiwi project in December 2013 in an effort to
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13.127 logfire (3.12.0) - MIT License

The best Python observability tool! 🪵🔥

- URL: UNKNOWN
- Author(s): Pydantic Team engineering@pydantic.dev, Samuel Colvin samuel@pydantic.dev, Hasan Ramezani hasan@pydantic.dev, Adrian Garcia Badaracco adrian@pydantic.dev, David Montague david@pydantic.dev, Marcelo Trylesinski marcelo@pydantic.dev, David Hewitt david.hewitt@pydantic.dev, Alex Hall alex@pydantic.dev

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Powerful and Pythonic XML processing library combining libxml2/libxslt with the ElementTree API.

- URL: https://lxml.de/
- Author(s): lxml dev team
- Maintainer(s): lxml dev team

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13.129 magika (0.6.1) - Apache Software License

A tool to determine the content type of a file with deep learning

- URL: https://google.github.io/magika/
- Author(s): Magika Developers magika-dev@google.com

13.130 mammoth (1.9.0) - BSD License

Convert Word documents from docx to simple and clean HTML and Markdown

- URL: https://github.com/mwilliamson/python-mammoth
- Author(s): Michael Williamson

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13.131 marimo (0.12.4) - Apache Software License

A library for making reactive notebooks and apps

- URL: https://github.com/marimo-team/marimo

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- URL: https://github.com/executablebooks/markdown-it-py
- Author(s): Chris Sewell chrisj_sewell@hotmail.com

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- URL: http://github.com/matthewwithanm/python-markdownify
- Author(s): Matthew Tretter m@tthewwithanm.com

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13.134 markitdown (0.1.1) - UNKNOWN

Utility tool for converting various files to Markdown

- URL: https://github.com/microsoft/markitdown
- Author(s): Adam Fourney adamfo@microsoft.com

13.135 matplotlib (3.10.1) - Python Software Foundation License

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- URL: https://matplotlib.org
- Author(s): John D. Hunter, Michael Droettboom

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13.136 matplotlib-inline (0.1.7) - BSD License

Inline Matplotlib backend for Jupyter

- URL: https://github.com/ipython/matplotlib-inline
- Author(s): IPython Development Team ipython-dev@python.org

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13.137 mcp (1.3.0) - MIT License

Model Context Protocol SDK

- URL: https://modelcontextprotocol.io
- Author(s): Anthropic, PBC.
- Maintainer(s): David Soria Parra davidsp@anthropic.com, Justin Spahr-Summers justin@anthropic.com

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Markdown URL utilities

- URL: https://github.com/executablebooks/mdurl
- Author(s): Taneli Hukkinen hukkin@users.noreply.github.com

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A sane and fast Markdown parser with useful plugins and renderers

- URL: https://github.com/lepture/mistune
- Author(s): Hsiaoming Yang me@lepture.com

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13.140 more-itertools (10.6.0) - MIT License

More routines for operating on iterables, beyond itertools

- URL: https://github.com/more-itertools/more-itertools
- Author(s): Erik Rose erikrose@grinchcentral.com

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Python library for arbitrary-precision floating-point arithmetic

- URL: http://mpmath.org/
- Author(s): Fredrik Johansson

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13.142 msgpack (1.1.0) - Apache Software License

MessagePack serializer

- URL: https://msgpack.org/
- Author(s): Inada Naoki songofacandy@gmail.com

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13.143 mypy (1.15.0) - MIT License

Optional static typing for Python

- URL: https://www.mypy-lang.org/
- Author(s): Jukka Lehtosalo jukka.lehtosalo@iki.fi

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Type system extensions for programs checked with the mypy type checker.

- URL: https://github.com/python/mypy_extensions
- Author(s): The mypy developers

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Extremely lightweight compatibility layer between dataframe libraries

- URL: https://github.com/narwhals-dev/narwhals
- Author(s): Marco Gorelli 33491632+MarcoGorelli@users.noreply.github.com

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Simple yet flexible natural sorting in Python.

- URL: https://github.com/SethMMorton/natsort
- Author(s): Seth M. Morton

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A client library for executing notebooks. Formerly nbconvert's ExecutePreprocessor.

- URL: https://jupyter.org
- Author(s): Jupyter Development Team jupyter@googlegroups.com

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- Author(s): Jupyter Development Team jupyter@googlegroups.com

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13.150 nest-asyncio (1.6.0) - BSD License

Patch asyncio to allow nested event loops

- URL: https://github.com/erdewit/nest_asyncio
- Author(s): Ewald R. de Wit

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13.151 nodeenv (1.9.1) - BSD License

Node.js virtual environment builder

- URL: https://github.com/ekalinin/nodeenv
- Author(s): Eugene Kalinin

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Jupyter Notebook - A web-based notebook environment for interactive computing

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- Author(s): Jupyter Development Team jupyter@googlegroups.com

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13.153 notebook_shim (0.2.4) - BSD License

A shim layer for notebook traits and config

- URL: UNKNOWN
- Author(s): Jupyter Development Team jupyter@googlegroups.com

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13.154 nox (2025.2.9) - Apache Software License

Flexible test automation.

- URL: https://github.com/wntrblm/nox
- Author(s): Alethea Katherine Flowers me@thea.codes

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13.155 numpy (2.2.3) - BSD License

Fundamental package for array computing in Python

- URL: https://numpy.org
- Author(s): Travis E. Oliphant et al.
- Maintainer(s): NumPy Developers numpy-discussion@python.org

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  The "source code" for a work means the preferred form of the work
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produce the work, or an object code interpreter used to run it.

  The "Corresponding Source" for a work in object code form means all
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work) run the object code and to modify the work, including scripts to
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System Libraries, or general-purpose tools or generally available free
programs which are used unmodified in performing those activities but
which are not part of the work.  For example, Corresponding Source
includes interface definition files associated with source files for
the work, and the source code for shared libraries and dynamically
linked subprograms that the work is specifically designed to require,
such as by intimate data communication or control flow between those
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    "keep intact all notices".

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    customarily used for software interchange.

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    (including a physical distribution medium), accompanied by a
    written offer, valid for at least three years and valid for as
    long as you offer spare parts or customer support for that product
    model, to give anyone who possesses the object code either (1) a
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    copy of the Corresponding Source for all the software in the
    product that is covered by this License, on a durable physical
    medium customarily used for software interchange, for a price no
    more than your reasonable cost of physically performing this
    conveying of source, or (2) access to copy the
    Corresponding Source from a network server at no charge.

    c) Convey individual copies of the object code with a copy of the
    written offer to provide the Corresponding Source.  This
    alternative is allowed only occasionally and noncommercially, and
    only if you received the object code with such an offer, in accord
    with subsection 6b.

    d) Convey the object code by offering access from a designated
    place (gratis or for a charge), and offer equivalent access to the
    Corresponding Source in the same way through the same place at no
    further charge.  You need not require recipients to copy the
    Corresponding Source along with the object code.  If the place to
    copy the object code is a network server, the Corresponding Source
    may be on a different server (operated by you or a third party)
    that supports equivalent copying facilities, provided you maintain
    clear directions next to the object code saying where to find the
    Corresponding Source.  Regardless of what server hosts the
    Corresponding Source, you remain obligated to ensure that it is
    available for as long as needed to satisfy these requirements.

    e) Convey the object code using peer-to-peer transmission, provided
    you inform other peers where the object code and Corresponding
    Source of the work are being offered to the general public at no
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  A separable portion of the object code, whose source code is excluded
from the Corresponding Source as a System Library, need not be
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  "Installation Information" for a User Product means any methods,
procedures, authorization keys, or other information required to install
and execute modified versions of a covered work in that User Product from
a modified version of its Corresponding Source.  The information must
suffice to ensure that the continued functioning of the modified object
code is in no case prevented or interfered with solely because
modification has been made.
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  If you convey an object code work under this section in, or with, or
specifically for use in, a User Product, and the conveying occurs as
part of a transaction in which the right of possession and use of the
User Product is transferred to the recipient in perpetuity or for a
fixed term (regardless of how the transaction is characterized), the
Corresponding Source conveyed under this section must be accompanied
by the Installation Information.  But this requirement does not apply
if neither you nor any third party retains the ability to install
modified object code on the User Product (for example, the work has
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  The requirement to provide Installation Information does not include a
requirement to continue to provide support service, warranty, or updates
for a work that has been modified or installed by the recipient, or for
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network may be denied when the modification itself materially and
adversely affects the operation of the network or violates the rules and
protocols for communication across the network.

  Corresponding Source conveyed, and Installation Information provided,
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Files: numpy/.dylibs/libquadmath*.so
Description: dynamically linked to files compiled with gcc
Availability: https://gcc.gnu.org/git/?p=gcc.git;a=tree;f=libquadmath
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A generic, spec-compliant, thorough implementation of the OAuth request-signing logic

- URL: https://github.com/oauthlib/oauthlib
- Author(s): The OAuthlib Community
- Maintainer(s): Ib Lundgren

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ONNX Runtime is a runtime accelerator for Machine Learning models

- URL: https://onnxruntime.ai
- Author(s): Microsoft Corporation

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A Python library to read/write Excel 2010 xlsx/xlsm files

- URL: https://openpyxl.readthedocs.io
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- URL: https://github.com/open-telemetry/opentelemetry-python/tree/main/opentelemetry-api
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- URL: https://github.com/open-telemetry/opentelemetry-python/tree/main/exporter/opentelemetry-exporter-otlp-proto-common
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Instrumentation Tools & Auto Instrumentation for OpenTelemetry Python

- URL: https://github.com/open-telemetry/opentelemetry-python-contrib/tree/main/opentelemetry-instrumentation
- Author(s): OpenTelemetry Authors cncf-opentelemetry-contributors@lists.cncf.io

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ASGI instrumentation for OpenTelemetry

- URL: https://github.com/open-telemetry/opentelemetry-python-contrib/tree/main/instrumentation/opentelemetry-instrumentation-asgi
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OpenTelemetry HTTPX Instrumentation

- URL: https://github.com/open-telemetry/opentelemetry-python-contrib/tree/main/instrumentation/opentelemetry-instrumentation-httpx
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OpenTelemetry Starlette Instrumentation

- URL: https://github.com/open-telemetry/opentelemetry-python-contrib/tree/main/instrumentation/opentelemetry-instrumentation-starlette
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13.171 opentelemetry-instrumentation-urllib3 (0.52b1) - Apache Software License

OpenTelemetry urllib3 instrumentation

- URL: https://github.com/open-telemetry/opentelemetry-python-contrib/tree/main/instrumentation/opentelemetry-instrumentation-urllib3
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OpenTelemetry Python SDK

- URL: https://github.com/open-telemetry/opentelemetry-python/tree/main/opentelemetry-sdk
- Author(s): OpenTelemetry Authors cncf-opentelemetry-contributors@lists.cncf.io

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13.174 opentelemetry-semantic-conventions (0.52b1) - Apache Software License

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13.175 opentelemetry-util-http (0.52b1) - Apache Software License

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13.176 orjson (3.10.16) - Apache Software License; MIT License

Fast, correct Python JSON library supporting dataclasses, datetimes, and numpy

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13.177 overrides (7.7.0) - Apache License, Version 2.0

A decorator to automatically detect mismatch when overriding a method.

- URL: https://github.com/mkorpela/overrides
- Author(s): Mikko Korpela

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13.178 packageurl-python (0.16.0) - MIT License

A purl aka. Package URL parser and builder

- URL: https://github.com/package-url/packageurl-python
- Author(s): the purl authors

13.179 packaging (24.2) - Apache Software License; BSD License

Core utilities for Python packages

- URL: https://github.com/pypa/packaging
- Author(s): Donald Stufft donald@stufft.io

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13.180 pandas (2.2.3) - BSD License

Powerful data structures for data analysis, time series, and statistics

- URL: https://pandas.pydata.org
- Author(s): The Pandas Development Team pandas-dev@python.org

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see https://www.cwi.nl) in the Netherlands
as a successor of a language called ABC.  Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see https://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team.  In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation.  In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.
Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see https://opensource.org for
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releases have also been GPL-compatible; the table below summarizes
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    Release         Derived     Year        Owner       GPL-
                    from                                compatible? (1)

    0.9.0 thru 1.2              1991-1995   CWI         yes
    1.3 thru 1.5.2  1.2         1995-1999   CNRI        yes
    1.6             1.5.2       2000        CNRI        no
    2.0             1.6         2000        BeOpen.com  no
    1.6.1           1.6         2001        CNRI        yes (2)
    2.1             2.0+1.6.1   2001        PSF         no
    2.0.1           2.0+1.6.1   2001        PSF         yes
    2.1.1           2.1+2.0.1   2001        PSF         yes
    2.1.2           2.1.1       2002        PSF         yes
    2.1.3           2.1.2       2002        PSF         yes
    2.2 and above   2.1.1       2001-now    PSF         yes

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(1) GPL-compatible doesn't mean that we're distributing Python under
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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
    because its license has a choice of law clause.  According to
    CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
    is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's
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Portions of code from MODP_ASCII - Ascii transformations (upper/lower, etc)
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13.181 pandocfilters (1.5.1) - BSD License

Utilities for writing pandoc filters in python

- URL: http://github.com/jgm/pandocfilters
- Author(s): John MacFarlane

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13.182 parso (0.8.4) - MIT License

A Python Parser

- URL: https://github.com/davidhalter/parso
- Author(s): David Halter
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13.183 pexpect (4.9.0) - ISC License (ISCL)

Pexpect allows easy control of interactive console applications.

- URL: https://pexpect.readthedocs.io/
- Author(s): Noah Spurrier; Thomas Kluyver; Jeff Quast

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13.184 pillow (11.1.0) - CMU License (MIT-CMU)

Python Imaging Library (Fork)

- URL: https://python-pillow.github.io
- Author(s): "Jeffrey A. Clark" aclark@aclark.net

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13.185 pip (25.0.1) - MIT License

The PyPA recommended tool for installing Python packages.

- URL: https://pip.pypa.io/
- Author(s): The pip developers distutils-sig@python.org

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13.186 pip-api (0.0.34) - Apache Software License

An unofficial, importable pip API

- URL: http://github.com/di/pip-api
- Author(s): Dustin Ingram

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- URL: https://github.com/raimon49/pip-licenses
- Author(s): raimon raimon49@hotmail.com

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13.188 pip-requirements-parser (32.0.1) - MIT

pip requirements parser - a mostly correct pip requirements parsing library because it uses pip's own code.

- URL: https://github.com/nexB/pip-requirements-parser
- Author(s): The pip authors, nexB. Inc. and others

13.189 pip_audit (2.8.0) - Apache Software License

A tool for scanning Python environments for known vulnerabilities

- URL: https://pypi.org/project/pip-audit/
- Author(s): Alex Cameron alex.cameron@trailofbits.com, Dustin Ingram di@python.org, William Woodruff william@trailofbits.com

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13.190 platformdirs (4.3.6) - MIT License

A small Python package for determining appropriate platform-specific dirs, e.g. a `user data dir`.

- URL: https://github.com/tox-dev/platformdirs
- Maintainer(s): Bernát Gábor gaborjbernat@gmail.com, Julian Berman Julian@GrayVines.com, Ofek Lev oss@ofek.dev, Ronny Pfannschmidt opensource@ronnypfannschmidt.de

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13.191 pluggy (1.5.0) - MIT License

plugin and hook calling mechanisms for python

- URL: https://github.com/pytest-dev/pluggy
- Author(s): Holger Krekel

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13.192 pre_commit (4.2.0) - MIT License

A framework for managing and maintaining multi-language pre-commit hooks.

- URL: https://github.com/pre-commit/pre-commit
- Author(s): Anthony Sottile

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13.193 prettytable (3.15.1) - UNKNOWN

A simple Python library for easily displaying tabular data in a visually appealing ASCII table format

- URL: https://github.com/prettytable/prettytable
- Author(s): Luke Maurits luke@maurits.id.au
- Maintainer(s): Hugo van Kemenade

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13.194 prometheus_client (0.21.1) - Apache Software License

Python client for the Prometheus monitoring system.

- URL: https://github.com/prometheus/client_python
- Author(s): Brian Brazil

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13.195 prompt_toolkit (3.0.50) - BSD License

Library for building powerful interactive command lines in Python

- URL: https://github.com/prompt-toolkit/python-prompt-toolkit
- Author(s): Jonathan Slenders

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13.196 protobuf (5.29.3) - 3-Clause BSD License

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- URL: https://developers.google.com/protocol-buffers/

- Author(s): protobuf@googlegroups.com

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13.197 psutil (6.1.1) - BSD License

Cross-platform lib for process and system monitoring in Python.

- URL: https://github.com/giampaolo/psutil
- Author(s): Giampaolo Rodola

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13.198 ptyprocess (0.7.0) - ISC License (ISCL)

Run a subprocess in a pseudo terminal

- URL: https://github.com/pexpect/ptyprocess
- Author(s): Thomas Kluyver

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Safely evaluate AST nodes without side effects

- URL: http://github.com/alexmojaki/pure_eval
- Author(s): Alex Hall

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Library for serializing and deserializing Python Objects to and from JSON and XML.

- URL: https://github.com/madpah/serializable#readme
- Author(s): Paul Horton
- Maintainer(s): Jan Kowalleck

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Python library for Apache Arrow

- URL: https://arrow.apache.org/
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 * cpp/src/arrow/vendored/ProducerConsumerQueue.h

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 * folly/Portability.h
 * folly/lang/Align.h
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C parser in Python

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- Author(s): Eli Bendersky
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Extra Pydantic types.

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Core functionality for Pydantic validation and serialization

- URL: https://github.com/pydantic/pydantic-core
- Author(s): Samuel Colvin s@muelcolvin.com, Adrian Garcia Badaracco 1755071+adriangb@users.noreply.github.com, David Montague david@pydantic.dev, David Hewitt mail@davidhewitt.dev, Sydney Runkle sydneymarierunkle@gmail.com, Victorien Plot contact@vctrn.dev

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13.208 pydeck (0.9.1) - Apache License 2.0

Widget for deck.gl maps

- URL: https://github.com/visgl/deck.gl/tree/master/bindings/pydeck
- Author(s): Andrew Duberstein

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13.209 pymdown-extensions (10.14.3) - MIT License

Extension pack for Python Markdown.

- URL: https://github.com/facelessuser/pymdown-extensions
- Author(s): Isaac Muse Isaac.Muse@gmail.com

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## PyMdown Extensions

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`fancylists.py` is derived from Python Markdown's list handler.

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## Gemoji Index

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13.210 pymupdf4llm (0.0.19) - GNU AFFERO GPL 3.0

PyMuPDF Utilities for LLM/RAG

- URL: https://github.com/pymupdf/RAG
- Author(s): Artifex

13.211 pyparsing (3.2.1) - MIT License

pyparsing module - Classes and methods to define and execute parsing grammars

- URL: https://github.com/pyparsing/pyparsing/
- Author(s): Paul McGuire ptmcg.gm+pyparsing@gmail.com

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13.212 pyright (1.1.398) - MIT

Command line wrapper for pyright

- URL: https://github.com/RobertCraigie/pyright-python
- Author(s): Robert Craigie
- Maintainer(s): Robert Craigie

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13.213 pytest (8.3.5) - MIT License

pytest: simple powerful testing with Python

- URL: https://docs.pytest.org/en/latest/
- Author(s): Holger Krekel, Bruno Oliveira, Ronny Pfannschmidt, Floris Bruynooghe, Brianna Laugher, Florian Bruhin, Others (See AUTHORS)

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13.214 pytest-asyncio (0.26.0) - UNKNOWN

Pytest support for asyncio

- URL: https://github.com/pytest-dev/pytest-asyncio
- Author(s): “Tin Tvrtković tinchester@gmail.com” tinchester@gmail.com

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13.215 pytest-cov (6.1.1) - MIT License

Pytest plugin for measuring coverage.

- URL: https://github.com/pytest-dev/pytest-cov
- Author(s): Marc Schlaich

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13.216 pytest-datadir (1.6.1) - MIT License

pytest plugin for test data directories and files

- URL: http://github.com/gabrielcnr/pytest-datadir
- Author(s): Gabriel Reis gabrielcnr@gmail.com

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13.217 pytest-docker (3.2.0) - MIT License

Simple pytest fixtures for Docker and Docker Compose based tests

- URL: https://github.com/avast/pytest-docker
- Author(s): Max K., Andre Caron

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13.218 pytest-env (1.1.5) - MIT License

pytest plugin that allows you to add environment variables.

- URL: https://github.com/pytest-dev/pytest-env
- Maintainer(s): Bernát Gábor gaborjbernat@gmail.com

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13.219 pytest-regressions (2.7.0) - MIT License

Easy to use fixtures to write regression tests.

- URL: https://github.com/ESSS/pytest-regressions
- Author(s): ESSS
- Maintainer(s): Bruno Oliveira

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13.220 pytest-subprocess (1.5.3) - MIT License

A plugin to fake subprocess for pytest

- URL: https://github.com/aklajnert/pytest-subprocess
- Author(s): Andrzej Klajnert
- Maintainer(s): Andrzej Klajnert

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13.221 pytest-timeout (2.3.1) - DFSG approved; MIT License

pytest plugin to abort hanging tests

- URL: https://github.com/pytest-dev/pytest-timeout
- Author(s): Floris Bruynooghe

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13.222 pytest-xdist (3.6.1) - MIT License

pytest xdist plugin for distributed testing, most importantly across multiple CPUs

- URL: https://github.com/pytest-dev/pytest-xdist
- Author(s): holger krekel and contributors pytest-dev@python.org, holger@merlinux.eu

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13.223 python-dateutil (2.9.0.post0) - Apache Software License; BSD License

Extensions to the standard Python datetime module

- URL: https://github.com/dateutil/dateutil
- Author(s): Gustavo Niemeyer
- Maintainer(s): Paul Ganssle

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13.224 python-dotenv (1.1.0) - BSD License

Read key-value pairs from a .env file and set them as environment variables

- URL: https://github.com/theskumar/python-dotenv
- Author(s): Saurabh Kumar

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13.225 python-json-logger (3.3.0) - BSD License

JSON Log Formatter for the Python Logging Package

- URL: https://nhairs.github.io/python-json-logger
- Author(s): Zakaria Zajac zak@madzak.com, Nicholas Hairs info+python-json-logger@nicholashairs.com
- Maintainer(s): Nicholas Hairs info+python-json-logger@nicholashairs.com

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13.226 python-multipart (0.0.20) - Apache Software License

A streaming multipart parser for Python

- URL: https://github.com/Kludex/python-multipart
- Author(s): Andrew Dunham andrew@du.nham.ca, Marcelo Trylesinski marcelotryle@gmail.com

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13.227 pytz (2025.1) - MIT License

World timezone definitions, modern and historical

- URL: http://pythonhosted.org/pytz
- Author(s): Stuart Bishop
- Maintainer(s): Stuart Bishop

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13.228 pyzmq (26.3.0) - BSD License

Python bindings for 0MQ

- URL: https://pyzmq.readthedocs.org
- Author(s): Brian E. Granger, Min Ragan-Kelley

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13.229 questionary (2.1.0) - MIT License

Python library to build pretty command line user prompts ⭐

- URL: https://github.com/tmbo/questionary
- Author(s): Tom Bocklisch
- Maintainer(s): Tom Bocklisch

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13.230 readabilipy (0.3.0) - MIT License

Python wrapper for Mozilla's Readability.js

- URL: https://github.com/alan-turing-institute/ReadabiliPy
- Author(s): The Alan Turing Institute
- Maintainer(s): James Robinson

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13.231 referencing (0.36.2) - UNKNOWN

JSON Referencing + Python

- URL: https://github.com/python-jsonschema/referencing
- Author(s): Julian Berman Julian+referencing@GrayVines.com

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13.232 regex (2024.11.6) - Apache Software License

Alternative regular expression module, to replace re.

- URL: https://github.com/mrabarnett/mrab-regex
- Author(s): Matthew Barnett

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- URL: https://www.reportlab.com/
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Python HTTP for Humans.

- URL: https://requests.readthedocs.io
- Author(s): Kenneth Reitz

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13.235 requests-oauthlib (2.0.0) - BSD License

OAuthlib authentication support for Requests.

- URL: https://github.com/requests/requests-oauthlib
- Author(s): Kenneth Reitz

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A pure python RFC3339 validator

- URL: https://github.com/naimetti/rfc3339-validator
- Author(s): Nicolas Aimetti

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Pure python rfc3986 validator

- URL: https://github.com/naimetti/rfc3986-validator
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- URL: https://github.com/Textualize/rich

- Author(s): Will McGugan

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13.239 rich-click (1.8.8) - MIT License

Format click help output nicely with rich

- URL: https://github.com/ewels/rich-click
- Author(s): Phil Ewels phil@ewels.co.uk
- Maintainer(s): Phil Ewels phil@ewels.co.uk, Daniel Reeves xdanielreeves@gmail.com

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13.240 rich-toolkit (0.13.2) - MIT License

Rich toolkit for building command-line applications

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13.241 roman-numerals-py (3.1.0) - CC0 1.0 Universal (CC0 1.0) Public Domain Dedication; Zero-Clause BSD (0BSD)

Manipulate well-formed Roman numerals

- URL: https://github.com/AA-Turner/roman-numerals/blob/master/CHANGES.rst
- Author(s): Adam Turner

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13.242 rpds-py (0.23.1) - MIT

Python bindings to Rust's persistent data structures (rpds)

- URL: https://github.com/crate-py/rpds
- Author(s): Julian Berman Julian+rpds@GrayVines.com

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13.243 ruamel.yaml (0.18.10) - MIT License

ruamel.yaml is a YAML parser/emitter that supports roundtrip preservation of comments, seq/map flow style, and map key order

- URL: https://sourceforge.net/p/ruamel-yaml/code/ci/default/tree/

- Author(s): Anthon van der Neut

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An extremely fast Python linter and code formatter, written in Rust.

- URL: https://docs.astral.sh/ruff
- Author(s): Charlie Marsh charlie.r.marsh@gmail.com

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13.245 setuptools (76.0.0) - MIT License

Easily download, build, install, upgrade, and uninstall Python packages

- URL: https://github.com/pypa/setuptools
- Author(s): Python Packaging Authority distutils-sig@python.org

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13.246 shellingham (1.5.4) - ISC License (ISCL)

Tool to Detect Surrounding Shell

- URL: https://github.com/sarugaku/shellingham
- Author(s): Tzu-ping Chung

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13.247 six (1.17.0) - MIT License

Python 2 and 3 compatibility utilities

- URL: https://github.com/benjaminp/six

- Author(s): Benjamin Peterson

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13.248 smmap (5.0.2) - BSD License

A pure Python implementation of a sliding window memory map manager

- URL: https://github.com/gitpython-developers/smmap
- Author(s): Sebastian Thiel

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- URL: https://github.com/python-trio/sniffio
- Author(s): "Nathaniel J. Smith" njs@pobox.com

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- URL: https://github.com/snowballstem/snowball
- Author(s): Snowball Developers

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A modern CSS selector implementation for Beautiful Soup.

- URL: https://github.com/facelessuser/soupsieve
- Author(s): Isaac Muse Isaac.Muse@gmail.com

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Rebuild Sphinx documentation on changes, with hot reloading in the browser.

- URL: https://github.com/sphinx-doc/sphinx-autobuild
- Author(s): Adam Turner

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Type hints (PEP 484) support for the Sphinx autodoc extension

- URL: https://github.com/tox-dev/sphinx-autodoc-typehints
- Author(s): Bernát Gábor gaborjbernat@gmail.com
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A modern skeleton for Sphinx themes.

- URL: https://github.com/pradyunsg/sphinx-basic-ng
- Author(s): Pradyun Gedam

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- URL: https://github.com/executablebooks/sphinx-copybutton
- Author(s): Executable Book Project

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13.257 sphinx-jinja2-compat (0.3.0) - MIT License

Patches Jinja2 v3 to restore compatibility with earlier Sphinx versions.

- URL: https://github.com/sphinx-toolbox/sphinx-jinja2-compat
- Author(s): Dominic Davis-Foster dominic@davis-foster.co.uk

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13.258 sphinx-prompt (1.9.0) - BSD License

Sphinx directive to add unselectable prompt

- URL: https://github.com/sbrunner/sphinx-prompt
- Author(s): Stéphane Brunner

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- URL: https://github.com/readthedocs/sphinx_rtd_theme
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- URL: https://github.com/executablebooks/sphinx-tabs
- Author(s): djungelorm

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- URL: https://github.com/sphinx-toolbox/sphinx-toolbox
- Author(s): Dominic Davis-Foster dominic@davis-foster.co.uk

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13.262 sphinx_inline_tabs (2023.4.21) - UNKNOWN

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- URL: https://github.com/pradyunsg/sphinx-inline-tabs
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Sphinx eager ".. only::" directive and other selective rendition extensions

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- Author(s): Paul Sokolovsky

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- Author(s): Adam Turner

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13.270 sphinxcontrib-qthelp (2.0.0) - BSD License

sphinxcontrib-qthelp is a sphinx extension which outputs QtHelp documents

- URL: https://www.sphinx-doc.org/
- Author(s): Georg Brandl georg@python.org

13.271 sphinxcontrib-serializinghtml (2.0.0) - BSD License

sphinxcontrib-serializinghtml is a sphinx extension which outputs “serialized” HTML files (json and pickle)

- URL: https://www.sphinx-doc.org/
- Author(s): Georg Brandl georg@python.org

13.272 sphinxext-opengraph (0.9.1) - BSD License

Sphinx Extension to enable OGP support

- URL: https://github.com/wpilibsuite/sphinxext-opengraph
- Author(s): Itay Ziv

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13.273 sse-starlette (2.2.1) - BSD License

SSE plugin for Starlette

- URL: https://github.com/sysid/sse-starlette
- Author(s): sysid sysid@gmx.de

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13.274 stack-data (0.6.3) - MIT License

Extract data from python stack frames and tracebacks for informative displays

- URL: http://github.com/alexmojaki/stack_data
- Author(s): Alex Hall

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13.275 standard-imghdr (3.10.14) - Python Software Foundation License

Standard library imghdr redistribution. “dead battery”.

- URL: https://github.com/youknowone/python-deadlib
- Author(s): Python Devleopers python-deadlib@youknowone.org

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13.276 starbridge (0.10.10) - MIT License

★ Integrates Claude Desktop with the web, Google and Atlassian workspaces.

- URL: https://starbridge.readthedocs.io/en/latest/
- Author(s): Helmut Hoffer von Ankershoffen helmuthva@googlemail.com

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13.277 starlette (0.46.1) - BSD License

The little ASGI library that shines.

- URL: https://github.com/encode/starlette
- Author(s): Tom Christie tom@tomchristie.com

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13.278 streamlit (1.44.1) - Apache Software License

A faster way to build and share data apps

- URL: https://streamlit.io
- Author(s): Snowflake Inc

13.279 strip-markdown (1.3) - MIT License

Converts markdown to plain text

- URL: https://github.com/D3r3k23/strip_markdown
- Author(s): Derek Henderson

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13.280 svglib (1.5.1) - GNU Lesser General Public License v3 (LGPLv3)

A pure-Python library for reading and converting SVG

- URL: https://github.com/deeplook/svglib
- Author(s): Dinu Gherman

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13.281 swagger-plugin-for-sphinx (5.1.0) - Apache Software License

Sphinx plugin which renders a OpenAPI specification with Swagger

- URL: https://github.com/SAP/swagger-plugin-for-sphinx/blob/main/CHANGELOG.md
- Author(s): Kai Harder kai.harder@sap.com

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Computer algebra system (CAS) in Python

- URL: https://sympy.org
- Author(s): SymPy development team

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- URL: https://github.com/astanin/python-tabulate
- Author(s): Sergey Astanin s.astanin@gmail.com

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13.284 tenacity (9.1.2) - Apache Software License

Retry code until it succeeds

- URL: https://github.com/jd/tenacity
- Author(s): Julien Danjou

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Tornado websocket backend for the Xterm.js Javascript terminal emulator library.

- URL: https://github.com/jupyter/terminado
- Author(s): Jupyter Development Team jupyter@googlegroups.com

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A tiny CSS parser

- URL: https://www.courtbouillon.org/tinycss2
- Author(s): Simon Sapin simon.sapin@exyr.org
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Python Library for Tom's Obvious, Minimal Language

- URL: https://github.com/uiri/toml
- Author(s): William Pearson

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13.288 tomli (2.2.1) - MIT License

A lil' TOML parser

- URL: https://github.com/hukkin/tomli
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13.291 traitlets (5.14.3) - BSD License

Traitlets Python configuration system

- URL: https://github.com/ipython/traitlets
- Author(s): IPython Development Team ipython-dev@python.org

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13.292 typer (0.15.2) - MIT License

Typer, build great CLIs. Easy to code. Based on Python type hints.

- URL: https://github.com/fastapi/typer
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Typing stubs for PyYAML

- URL: https://github.com/python/typeshed

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Typing stubs for python-dateutil

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13.295 types-requests (2.32.0.20250328) - Apache Software License

Typing stubs for requests

- URL: https://github.com/python/typeshed

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13.296 typing-inspection (0.4.0) - MIT License

Runtime typing introspection tools

- URL: https://github.com/pydantic/typing-inspection
- Author(s): Victorien Plot contact@vctrn.dev

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13.297 typing_extensions (4.12.2) - Python Software Foundation License

Backported and Experimental Type Hints for Python 3.8+

- URL: https://github.com/python/typing_extensions
- Author(s): "Guido van Rossum, Jukka Lehtosalo, Łukasz Langa, Michael Lee" levkivskyi@gmail.com

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see https://www.cwi.nl) in the Netherlands
as a successor of a language called ABC.  Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see https://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team.  In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation.  In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
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Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see https://opensource.org for
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    Release         Derived     Year        Owner       GPL-
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    1.3 thru 1.5.2  1.2         1995-1999   CNRI        yes
    1.6             1.5.2       2000        CNRI        no
    2.0             1.6         2000        BeOpen.com  no
    1.6.1           1.6         2001        CNRI        yes (2)
    2.1             2.0+1.6.1   2001        PSF         no
    2.0.1           2.0+1.6.1   2001        PSF         yes
    2.1.1           2.1+2.0.1   2001        PSF         yes
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    2.1.2           2.1.1       2002        PSF         yes
    2.1.3           2.1.2       2002        PSF         yes
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13.298 tzdata (2025.1) - Apache Software License

Provider of IANA time zone data

- URL: https://github.com/python/tzdata
- Author(s): Python Software Foundation

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Ultra fast JSON encoder and decoder for Python

- URL: https://github.com/ultrajson/ultrajson
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Portions of code from MODP_ASCII - Ascii transformations (upper/lower, etc)
https://github.com/client9/stringencoders

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https://github.com/client9/stringencoders/blob/cfd5c1507325ae497ea9bacdacba12c0ffd79d30/
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13.300 uri-template (1.3.0) - MIT License

RFC 6570 URI Template Processor

- URL: https://gitlab.linss.com/open-source/python/uri-template
- Author(s): Peter Linss pypi@linss.com

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13.301 urllib3 (2.3.0) - MIT License

HTTP library with thread-safe connection pooling, file post, and more.

- URL: https://github.com/urllib3/urllib3/blob/main/CHANGES.rst
- Author(s): Andrey Petrov andrey.petrov@shazow.net
- Maintainer(s): Seth Michael Larson sethmichaellarson@gmail.com, Quentin Pradet quentin@pradet.me, Illia Volochii illia.volochii@gmail.com

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13.302 uv (0.6.6) - Apache Software License; MIT License

An extremely fast Python package and project manager, written in Rust.

- URL: https://pypi.org/project/uv/
- Author(s): uv

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13.303 uvicorn (0.34.0) - BSD License

The lightning-fast ASGI server.

- URL: https://www.uvicorn.org/
- Author(s): Tom Christie tom@tomchristie.com, Marcelo Trylesinski marcelotryle@gmail.com

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13.304 uvloop (0.21.0) - Apache Software License; MIT License

Fast implementation of asyncio event loop on top of libuv

- URL: UNKNOWN
- Author(s): Yury Selivanov yury@magic.io

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13.305 virtualenv (20.29.3) - MIT License

Virtual Python Environment builder

- URL: https://github.com/pypa/virtualenv
- Maintainer(s): Bernat Gabor gaborjbernat@gmail.com

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13.306 watchdog (6.0.0) - Apache Software License

Filesystem events monitoring

- URL: https://github.com/gorakhargosh/watchdog
- Author(s): Mickaël Schoentgen

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13.307 watchfiles (1.0.4) - MIT License

Simple, modern and high performance file watching and code reload in python.

- URL: https://github.com/samuelcolvin/watchfiles
- Author(s): Samuel Colvin s@muelcolvin.com

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13.308 wcmatch (10.0) - MIT License

Wildcard/glob file name matcher.

- URL: https://github.com/facelessuser/wcmatch
- Author(s): Isaac Muse Isaac.Muse@gmail.com

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13.309 wcwidth (0.2.13) - MIT License

Measures the displayed width of unicode strings in a terminal

- URL: https://github.com/jquast/wcwidth
- Author(s): Jeff Quast

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Markus Kuhn -- 2007-05-26 (Unicode 5.0)

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13.310 webcolors (24.11.1) - BSD License

A library for working with the color formats defined by HTML and CSS.

- URL: UNKNOWN
- Author(s): James Bennett

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13.311 webencodings (0.5.1) - BSD License

Character encoding aliases for legacy web content

- URL: https://github.com/SimonSapin/python-webencodings
- Author(s): Geoffrey Sneddon

13.312 websocket-client (1.8.0) - Apache Software License

WebSocket client for Python with low level API options

- URL: https://github.com/websocket-client/websocket-client.git
- Author(s): liris
- Maintainer(s): engn33r

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13.313 websockets (15.0.1) - BSD License

An implementation of the WebSocket Protocol (RFC 6455 & 7692)

- URL: https://github.com/python-websockets/websockets
- Author(s): Aymeric Augustin aymeric.augustin@m4x.org

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Jupyter interactive widgets for Jupyter Notebook

- URL: http://jupyter.org
- Author(s): Jupyter Development Team

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Module for decorators, wrappers and monkey patching.

- URL: https://github.com/GrahamDumpleton/wrapt
- Author(s): Graham Dumpleton

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13.316 zipp (3.21.0) - MIT License

Backport of pathlib-compatible object wrapper for zip files

- URL: https://github.com/jaraco/zipp
- Author(s): "Jason R. Coombs" jaraco@jaraco.com

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