
jupyter_core Documentation

Release 4.4.0

Jupyter Development Team

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CONTENTS

1	Paths for Jupyter files	3
1.1	Specific directories	3
1.2	Search paths	3
2	Changes in jupyter-core	5
2.1	4.4	5
2.2	4.3	5
2.3	4.2	5
2.4	4.1	6
2.5	4.0	6
3	Indices and tables	9
	Python Module Index	11
	Index	13

This documentation only describes the public API in the `jupyter_core` package. For overview information about using Jupyter, see the [main Jupyter docs](#).

Contents:

PATHS FOR JUPYTER FILES

1.1 Specific directories

`jupyter_core.paths.jupyter_config_dir()`
Get the Jupyter config directory for this platform and user.
Returns `JUPYTER_CONFIG_DIR` if defined, else `~/jupyter`

`jupyter_core.paths.jupyter_data_dir()`
Get the config directory for Jupyter data files.
These are non-transient, non-configuration files.
Returns `JUPYTER_DATA_DIR` if defined, else a platform-appropriate path.

`jupyter_core.paths.jupyter_runtime_dir()`
Return the runtime dir for transient jupyter files.
Returns `JUPYTER_RUNTIME_DIR` if defined.
Respects `XDG_RUNTIME_DIR` on non-OS X, non-Windows, falls back on `data_dir/runtime` otherwise.

1.2 Search paths

`jupyter_core.paths.jupyter_config_path()`
Return the search path for Jupyter config files as a list.

`jupyter_core.paths.jupyter_path(*subdirs)`
Return a list of directories to search for data files
`JUPYTER_PATH` environment variable has highest priority.
If `*subdirs` are given, that subdirectory will be added to each element.

Examples:

```
>>> jupyter_path()
['~/local/jupyter', '/usr/local/share/jupyter']
>>> jupyter_path('kernels')
['~/local/jupyter/kernels', '/usr/local/share/jupyter/kernels']
```


CHANGES IN JUPYTER-CORE

2.1 4.4

2.1.1 4.4.0

on GitHub

- `jupyter troubleshoot` gets the list of packages from the Python environment it's in, by using `sys.executable` to call `pip list` (PR #104).
- Added utility function `ensure_dir_exists`, and switched to using it over the one from `ipython_genutils`, which does permissions wrong (PR #113).
- Avoid creating the `~/ .ipython` directory when checking if it exists for config migration (PR #118).
- Fix mistaken description in zsh completions (PR #98).
- Fix subcommand tests on Windows (PR #103).
- The README now describes how to work on `jupyter_core` and build the docs (PR #110).
- Fix a broken link to a release in the docs (PR #109).

2.2 4.3

2.2.1 4.3.0

on GitHub

- Add `JUPYTER_NO_CONFIG` environment variable for disabling all Jupyter configuration.
- More detailed error message when failing to launch subcommands.

2.3 4.2

2.3.1 4.2.1

on GitHub

- Fix error message on Windows when subcommand not found.
- Correctly display `PATH` in `jupyter troubleshoot` on Windows.

2.3.2 4.2.0

on GitHub

- Make `jupyter` directory top priority in search path for subcommands, so that `jupyter-subcommand` next to `jupyter` will always be picked if present.
- Avoid using `shell=True` for subcommand dispatch on Windows.

2.4 4.1

2.4.1 4.1.1

on GitHub

- Include symlink directory and real location on subcommand `PATH` when `jupyter` is a symlink.

2.4.2 4.1.0

on GitHub

- Add `jupyter.py` module, so that `python -m jupyter` always works.
- Add prototype `jupyter troubleshoot` command for displaying environment info.
- Ensure directory containing `jupyter` executable is included when dispatching subcommands.
- Unicode fixes for Legacy Python.

2.5 4.0

2.5.1 4.0.6

on GitHub

- fix typo preventing migration when `custom.css` is missing

2.5.2 4.0.5

on GitHub

- fix subcommands on Windows (yes, again)
- fix migration when `custom.js/css` are not present

2.5.3 4.0.4

on GitHub

- fix subcommands on Windows (again)
- ensure `jupyter --version` outputs to `stdout`

2.5.4 4.0.3

on GitHub

- setuptools fixes needed to run on Windows

2.5.5 4.0.2

on GitHub

- fixes for jupyter-migrate

2.5.6 4.0.1

on GitHub

This is the first release of the jupyter-core package.

INDICES AND TABLES

- genindex
- modindex
- search

PYTHON MODULE INDEX

j

`jupyter_core.paths`, 3

INDEX

J

- `jupyter_config_dir()` (in module `jupyter_core.paths`), 3
- `jupyter_config_path()` (in module `jupyter_core.paths`), 3
- `jupyter_core.paths` (module), 3
- `jupyter_data_dir()` (in module `jupyter_core.paths`), 3
- `jupyter_path()` (in module `jupyter_core.paths`), 3
- `jupyter_runtime_dir()` (in module `jupyter_core.paths`), 3