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# jupyter\_core Documentation

*Release 4.4.0*

**Jupyter Development Team**

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## Contents

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



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

Contents:



### 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.

### 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']
```



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### Changes in jupyter-core

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## 4.4

### 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](#)).

## 4.3

### 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.

## 4.2

### 4.2.1

on [GitHub](#)

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

### 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.

## 4.1

### 4.1.1

on [GitHub](#)

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

### 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.

## 4.0

### 4.0.6

on [GitHub](#)

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

## 4.0.5

on [GitHub](#)

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

## 4.0.4

on [GitHub](#)

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

## 4.0.3

on [GitHub](#)

- setuptools fixes needed to run on Windows

## 4.0.2

on [GitHub](#)

- fixes for jupyter-migrate

## 4.0.1

on [GitHub](#)

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



## CHAPTER 3

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### Indices and tables

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- `genindex`
- `modindex`
- `search`



### j

`jupyter_core.paths`, 3





### 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](#)