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# **Jupyter console Documentation**

***Release 4.1.1***

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**Jun 25, 2016**



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The Jupyter console is a terminal frontend for kernels using the Jupyter protocol. The console can be installed with:

```
pip install jupyter-console
```

And started with:

```
jupyter console
```

To see configuration options:

```
jupyter console -h
```

To start the console with a particular kernel, ask for it by name:

```
jupyter console --kernel=julia-0.4
```

A list of available kernels can be seen with:

```
jupyter kernelspec list
```

You can connect to a live kernel (e.g. one running in a notebook) with its ID:

```
jupyter console --existing KERNEL_ID
```

or even connect to the most recently started kernel by default:

```
jupyter console --existing
```

Contents:



## CHANGES IN JUPYTER CONSOLE

A summary of changes in Jupyter console releases.

### 1.1 4.1

#### 1.1.1 4.1.1

- fix for readline history
- don't confuse `sys.path` with `virtualenvs`

#### 1.1.2 4.1.0

- readline/completion fixes
- use `is_complete` messages to determine if input is complete (important for non-Python kernels)
- fix: 4.0 was looking for `jupyter_console_config` in IPython config directories, not Jupyter

### 1.2 4.0

#### 1.2.1 4.0.3

- fix `jupyter console --generate-config`

#### 1.2.2 4.0.2

- `setuptools` fixes for Windows

#### 1.2.3 4.0.0

First release as a standalone package.