# Jumping into a Documentation Journey with Sphinx and Jupyter
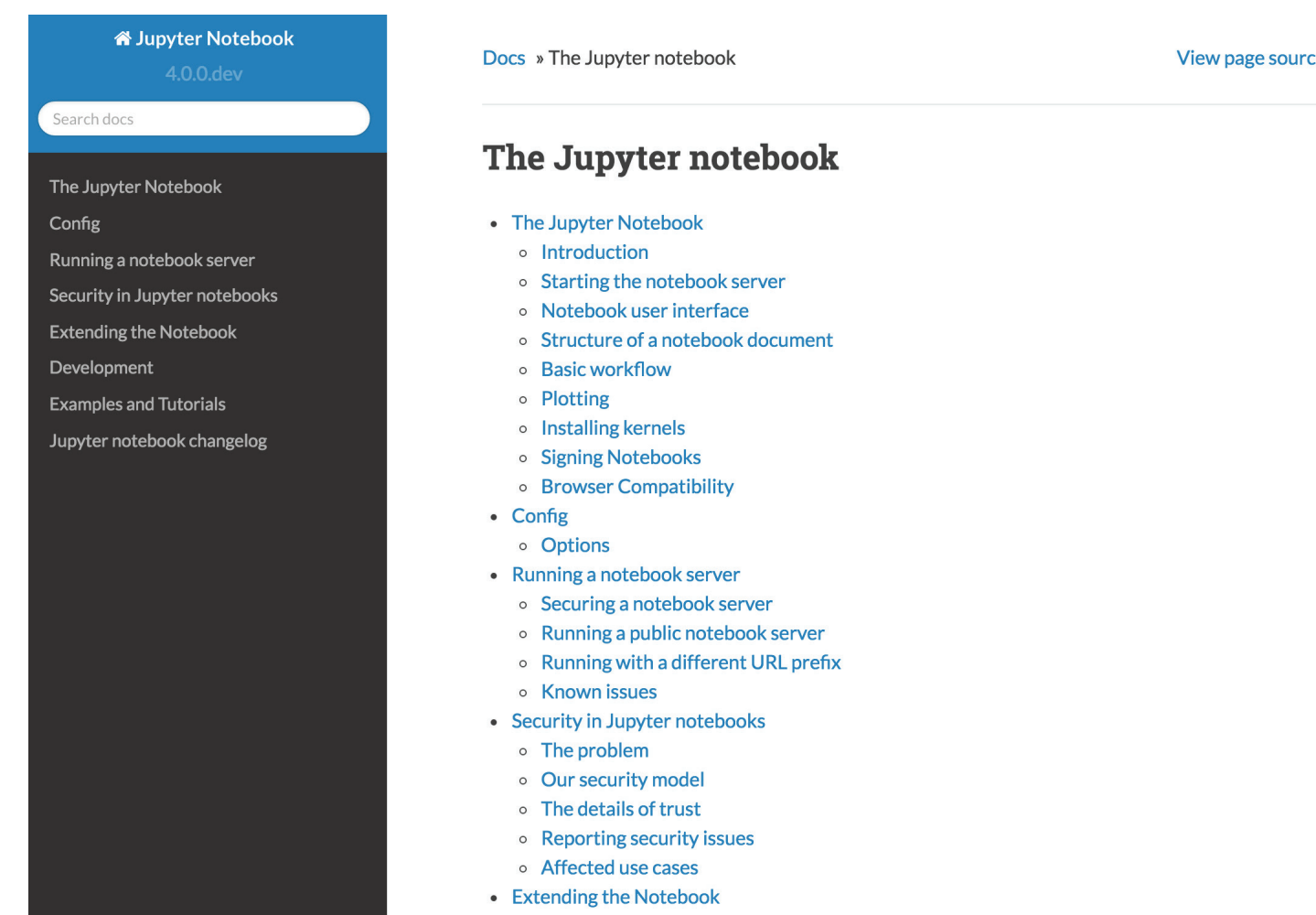
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## What is Jupyter?

Project Jupyter was born out of the IPython Project in 2014 as it evolved to support interactive data science and scientific computing across all programming languages.
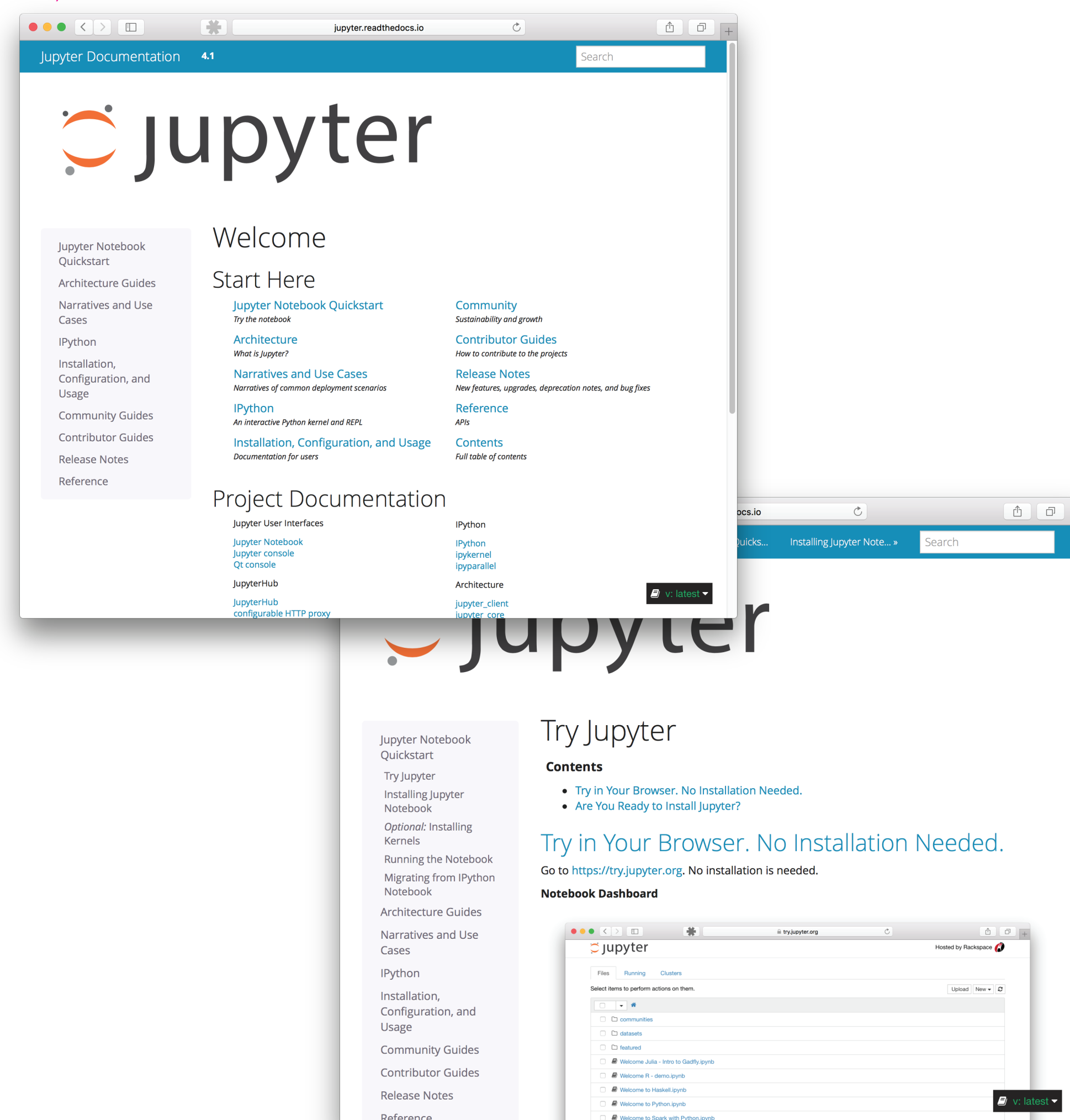
December 2015



## Challenges

• No dedicated documentarian
• 40+ repos
• Project complexity
• Many user personas
• Name rebranding

## 1. Start with the basics

• README, README, README
• Add structure across the docs' repos
• Link to the docs, website, and help
• Test the links
• Build without warnings

## 2. Make a user landing spot
### jupyter.readthedocs.io

May 2016



## 3. Automate the things

• Create a docs workflow
• Build the docs using Sphinx
• Check spelling and grammar
• Test the docs using Sphinx and Travis
• Deploy to ReadTheDocs on commits

## 4. Use the sources

• reStructuredText (.rst)
• Markdown (.md)
• Notebook files (.ipynb)
• Combine all source types in one document using recommonmark and nbsphinx

## 5. Extend

**Sphinx extensions**
  • intersphinx
  • mathjax
  • autodoc
  • autosummary
  • napoleon
  • recommonmark
  • nbsphinx
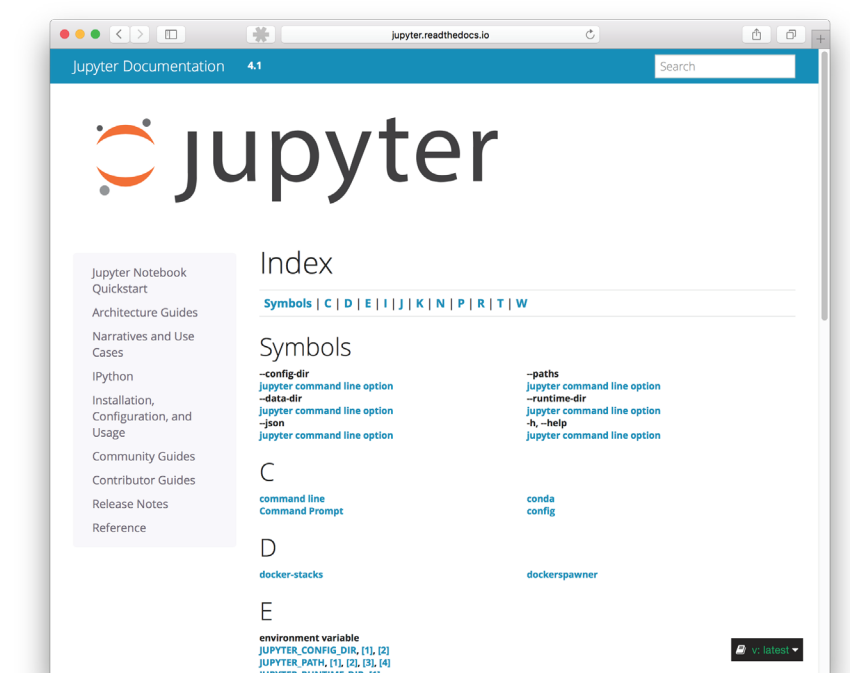


**Custom theme**
  • override a template
  • use a base theme and update layout and style

## 6. Analyze and user test

## Love the docs

1. Read the docs
2. Try the docs
3. Write the docs
4. Repeat

**jupyter.org**

**try.jupyter.org**