

# New Qiskit Sphinx Theme

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(they/them)

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# About me

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Focused on improving  
Qiskit documentation  
experience

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# Motivation to change themes

## Developer frustrations:

1. 12k line CSS file
2. Syncing with upstream Pytorch is difficult

## User limitations:

1. Poor mobile support
2. Looks a little dated
3. Not fully compliant with accessibility
4. No dark mode

# Furo

- Used by top projects (pip, Black, urllib3, attrs)
- Fully responsive
- Maintainable code

The screenshot displays the Furo documentation theme interface. On the left is a sidebar with a search bar and a navigation menu. The main content area features a paragraph about the `--pep-references` option, followed by a 'Math' section with an equation, a 'Meta' section, and a 'Blocks' section. The 'Blocks' section includes a 'Literal Blocks' subsection with a code example and a 'Line Blocks' subsection. On the right is a 'ON THIS PAGE' sidebar listing various content types like 'Inline Markup', 'Math', 'Meta', 'Blocks', 'References', etc.

Qiskit

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Images

API (AN EXPANDABLE SECTION)

Functions

Autodoc

Electron

api\_example.Electron.comp  
ute\_momentum

Super duper duper duper duper  
duper long title to test line  
wrapping

Jupyter

Paragraph Level Markup

Generic formatting

Tutorials

Super duper duper duper duper  
duper long title to test line  
wrapping

GitHub

If the `--pep-references` option was supplied, there should be a live link to PEP 258 here.

## Math

This is a test. Here is an equation:  $X_{\omega} = (X_{\omega}, X_{\omega}, X_{\omega}, X_{\omega}, X_4)$ . Here is another:

$$\nabla^2 f = \frac{1}{r^2} \frac{\partial}{\partial r} \left( r^2 \frac{\partial f}{\partial r} \right) + \frac{1}{r^2 \sin \theta} \frac{\partial f}{\partial \theta} \left( \sin \theta \frac{\partial f}{\partial \theta} \right) + \frac{1}{r^2 \sin^2 \theta} \frac{\partial^2 f}{\partial \phi^2} \quad (1)$$

You can add a link to equations like the one above (1) by using `:eq:`.

## Meta

## Blocks

### Literal Blocks

Literal blocks are indicated with a double-colon ("`::`") at the end of the preceding paragraph (over there `-->`). They can be indented:

```
if literal_block:
    text = 'is left as-is'
    spaces_and_linebreaks = 'are preserved'
    markup_processing = None
```

Or they can be quoted without indentation:

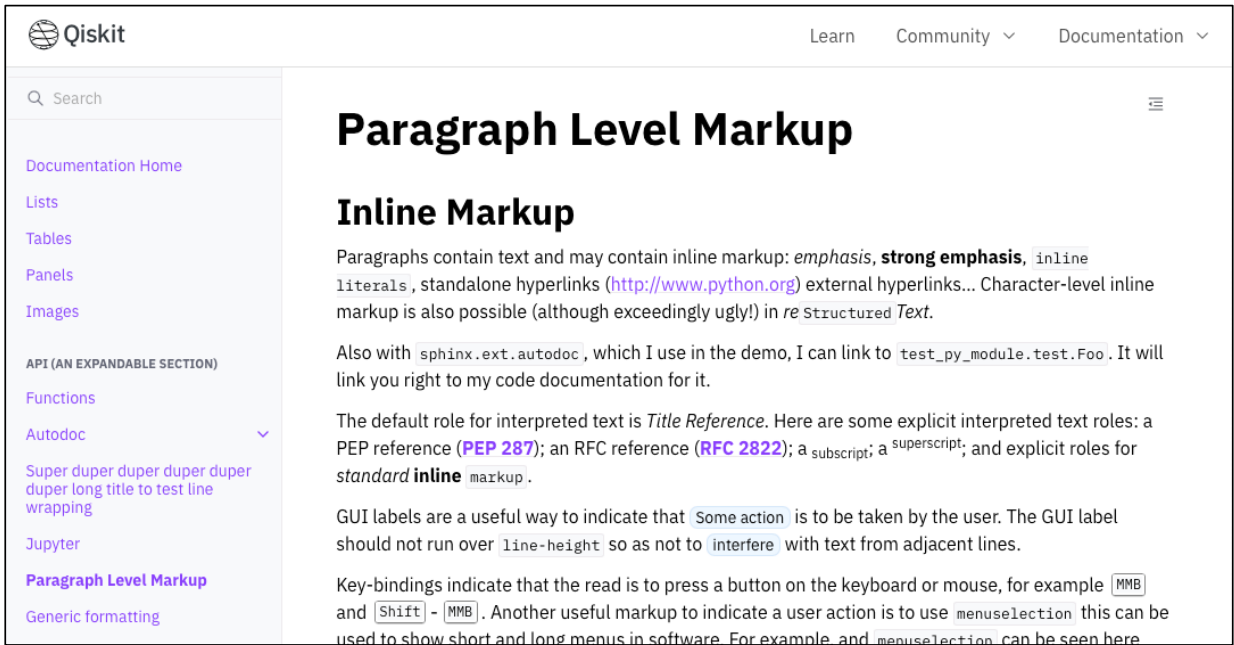
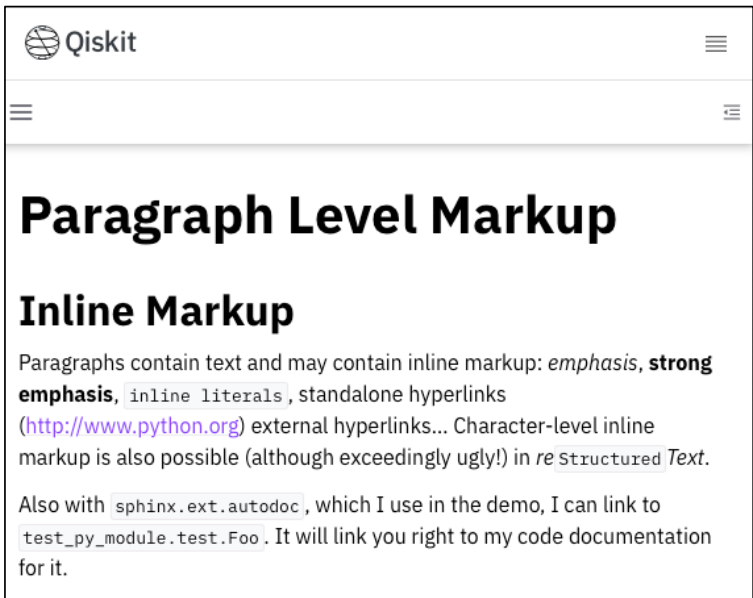
```
>> Great idea!
>
> Why didn't I think of that?
```

### Line Blocks

ON THIS PAGE

- Inline Markup
- Math
- Meta
- Blocks
  - Literal Blocks
  - Line Blocks
  - Block Quotes
  - Doctest Blocks
  - Code Blocks
    - Emphasized lines with line numbers
- References
  - Footnotes
  - Citations
- Directives
  - Contents
  - Centered text
  - Deprecation note
  - Images & Figures
    - Images
    - Figures
  - Admonitions
  - Topics, Sidebars, and Rubrics
  - Target Footnotes
  - Compound Paragraph
- Download Links

# Fully responsive



Also  
coming:  
Ecosystem  
theme  
variant

```
# conf.py  
html_theme = "qiskit_ecosystem"
```