

---

# **version-injector**

**Author name not set**

**Dec 06, 2024**



# CONTENTS

<b>1</b>	<b>Motivation</b>	<b>3</b>
<b>2</b>	<b>Pull Request Previews</b>	<b>5</b>



Alternatives:

Re-build:

<https://github.com/sphinx-contrib/multiversion>

<https://sphinx-contrib.github.io/multiversion>

All versions have to be re-built each time something changes.

Another variation: <https://github.com/devanshshukla99/sphinx-versioned-docs>

Their now apparently unmaintained predecessors seem to be:

<https://github.com/sphinx-contrib/sphinxcontrib-versioning>

<https://github.com/Smile-SA/sphinx-versions>

Fetch with JavaScript:

<https://docs.readthedocs.io/en/stable/flyout-menu.html>

<https://docs.readthedocs.io/en/stable/versions.html>

[https://pydata-sphinx-theme.readthedocs.io/en/stable/user\\_guide/version-dropdown.html](https://pydata-sphinx-theme.readthedocs.io/en/stable/user_guide/version-dropdown.html)

Inject into previously built HTML files:

<https://github.com/steinwurf/versjon>

Injects text in existing HTML files

Non-Sphinx projects with versioning:

<https://docusaurus.io/docs/versioning>

<https://github.com/jimporter/mike> (for MkDocs)

Blog post that shows how to create multi-version Sphinx docs with GitHub Pages: <https://www.codingwiththomas.com/blog/my-sphinx-best-practice-for-a-multiversion-documentation-in-different-languages>

Another tutorial: <https://olgarithms.github.io/sphinx-tutorial/docs/9-versioning.html>

---



## MOTIVATION

TODO: some motivation





## PULL REQUEST PREVIEWS

TODO: this section is only about GitHub, other providers should be investigated as well.

At the time of writing, building previews for pull requests is not directly supported by GitHub. There are a few requests and discussions, though:

- <https://github.com/orgs/community/discussions/7730>
- <https://github.com/actions/deploy-pages/issues/180>
- <https://github.com/actions/deploy-pages/issues/337>

There is also this third-party project:

- <https://github.com/rossjrw/pr-preview-action>
  - This currently doesn't support PR previews from forks, see <https://github.com/rossjrw/pr-preview-action/pull/6>.

In the meantime, the GitHub workflow configuration at <https://github.com/mgeier/version-injector-nursery/tree/main/.github/workflows> shows an example how PR previews (including from forks) can be implemented.