

# Test Builds

Version



# Use external builders to generate different formats ( `build.commands` )

- Use `zundler` to create the HTMLZip version
- Use `SimplePDF` to generate the PDF version
- Use regular `sphinx-build -b epub` to build ePUB version

## Note

This documentation has the flyout menu integrated even when using `build.commands`. This is because the `readthedocs-sphinx-ext` extension was manually installed on purpose.

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Read the Docs `.readthedocs.yaml` configuration file used to build this docs.

```
1 version: 2
2
3 build:
4   os: ubuntu-22.04
5   tools:
6     python: "3"
7   commands:
8     - mkdir --parents $READTHEDOCS_OUTPUT/htmlzip
9     - pip install -r requirements.txt
10    # HTML
11    - sphinx-build -b html docs/ $READTHEDOCS_OUTPUT/html
12    # HTMLZip
13    - sphinx-build -b zundler docs/ $READTHEDOCS_OUTPUT/
14    $READTHEDOCS_PROJECT
15    - cd $READTHEDOCS_OUTPUT ; zip -r -j htmlzip/
16    $READTHEDOCS_PROJECT.zip $READTHEDOCS_PROJECT
17    # PDF
18    - sphinx-build -M simplepdf docs/ $READTHEDOCS_OUTPUT/
19    - mv $READTHEDOCS_OUTPUT/simplepdf/"Test Builds.pdf"
20    $READTHEDOCS_OUTPUT/pdf/$READTHEDOCS_PROJECT.pdf
21    # EPUB
22    - sphinx-build -b epub docs/ /tmp/epub
23    - mv /tmp/epub/TestBuilds.epub $READTHEDOCS_OUTPUT/epub/
```

```

$READTHEDOCS_PROJECT.epub
21
22 sphinx:
23   configuration: docs/conf.py
24
25 python:
26   install:
27     - requirements: requirements.txt

```

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`requirements.txt` used to build these docs.

```

1 sphinx-autorun
2 git+https://github.com/AdrianVollmer/Zundler@main#egg=Zundler
3 sphinx-simplepdf
4 sphinx-rtd-theme
5 sphinx<6
6
7 # Installed to have the flyout and extras
8 readthedocs-sphinx-ext
9
10 # Sphinx docs requirements
11 sphinxcontrib-websupport

```

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Sphinx configuration file used to build this docs ( [see full file](#) ),

```

1 # -*- coding: utf-8 -*-
2
3 # Default settings
4 project = 'Test Builds'
5 extensions = [
6     # Read the Docs flyout and extras
7     'readthedocs_ext.readthedocs',
8
9     'sphinx_autorun',
10    'sphinx_simplepdf',
11 ]
12
13 latex_engine = 'xelatex' # allow us to build Unicode chars
14
15
16 # Include all your settings here
17 html_theme = 'sphinx_rtd_theme'
18 html_static_path = ['_static']

```

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```

>>> # Build at
>>> import datetime

```

```
>>> datetime.datetime.utcnow() # UTC  
datetime.datetime(2023, 6, 8, 7, 48, 10, 598933)
```

