

# Test Builds

Version



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

- Use `zundler` to create the HTMLZip version
- Use `SimplePDF` to generate the PDF version

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   apt_packages:
8     - tree
9     - libmagic1 # python-magic
10    - graphviz # dot command
11  jobs:
12    post_build:
13      - mkdir --parents _readthedocs/htmlzip _readthedocs/pdf
14      - sphinx-build -b zundler docs/ _readthedocs/
15      $READTHEDOCS_PROJECT
16      - cd _readthedocs ; zip -r -j htmlzip/
17      $READTHEDOCS_PROJECT.zip $READTHEDOCS_PROJECT
18      - sphinx-build -M simplepdf docs/ _readthedocs/
19      - mv _readthedocs/simplepdf/"Test Builds.pdf" _readthedocs/
20      pdf/$READTHEDOCS_PROJECT.pdf
21
22  sphinx:
23    configuration: docs/conf.py
24
25  python:
26    install:
27      - requirements: requirements.txt

```

`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==1.2.0rc3
5 sphinx<6
6
7 # Sphinx docs requirements
8 sphinxcontrib-websupport
```

---

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     'sphinx_autorun',
7     'sphinx_simplepdf',
8 ]
9
10 latex_engine = 'xelatex' # allow us to build Unicode chars
11
12
13 # Include all your settings here
14 html_theme = 'sphinx_rtd_theme'
15 html_static_path = ['_static']
16
17
18
19
```

---

```
>>> # Build at
>>> import datetime
>>> datetime.datetime.utcnow() # UTC
datetime.datetime(2023, 5, 17, 22, 57, 5, 420900)
```

