
Test Builds

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All contents of this documentation.

CHAPTER 1

conf.py

```
1  # -*- coding: utf-8 -*-
2
3  # Default settings
4  project = 'Test Builds'
5  extensions = [
6      'sphinx_autorun',
7  ]
8
9  latex_engine = 'xelatex' # allow us to build Unicode chars
10
11
12  # Include all your settings here
13  html_theme = 'sphinx_rtd_theme'
14
15
16
17
18  #####
19  #          auto-created readthedocs.org specific configuration          #
20  #####
21
22
23  #
24  # The following code was added during an automated build on readthedocs.org
25  # It is auto created and injected for every build. The result is based on the
26  # conf.py.tpl file found in the readthedocs.org codebase:
27  # https://github.com/rtfd/readthedocs.org/blob/master/readthedocs/doc_builder/templates/
28  # ↪ doc_builder/conf.py.tpl
29  #
30
```

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```

31 import importlib
32 import sys
33 import os.path
34 from six import string_types
35
36 from sphinx import version_info
37
38 # Get suffix for proper linking to GitHub
39 # This is deprecated in Sphinx 1.3+,
40 # as each page can have its own suffix
41 if globals().get('source_suffix', False):
42     if isinstance(source_suffix, string_types):
43         SUFFIX = source_suffix
44     elif isinstance(source_suffix, (list, tuple)):
45         # Sphinx >= 1.3 supports list/tuple to define multiple suffixes
46         SUFFIX = source_suffix[0]
47     elif isinstance(source_suffix, dict):
48         # Sphinx >= 1.8 supports a mapping dictionary for multiple suffixes
49         SUFFIX = list(source_suffix.keys())[0] # make a ``list()`` for py2/py3
50     ↪ compatibility
51     else:
52         # default to .rst
53         SUFFIX = '.rst'
54 else:
55     SUFFIX = '.rst'
56
57 # Add RTD Static Path. Add to the end because it overwrites previous files.
58 if not 'html_static_path' in globals():
59     html_static_path = []
60 if os.path.exists('_static'):
61     html_static_path.append('_static')
62
63 # Add RTD Theme only if they aren't overriding it already
64 using_rtd_theme = (
65     ('html_theme' in globals() and
66     html_theme in ['default'] and
67     # Allow people to bail with a hack of having an html_style
68     'html_style' not in globals()
69     ) or 'html_theme' not in globals()
70 )
71 if using_rtd_theme:
72     theme = importlib.import_module('sphinx_rtd_theme')
73     html_theme = 'sphinx_rtd_theme'
74     html_style = None
75     html_theme_options = {}
76     if 'html_theme_path' in globals():
77         html_theme_path.append(theme.get_html_theme_path())
78     else:
79         html_theme_path = [theme.get_html_theme_path()]
80
81 if globals().get('websupport2_base_url', False):

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```

82 websupport2_base_url = 'https://readthedocs.org/websupport'
83 websupport2_static_url = 'https://assets.readthedocs.org/static/'
84
85
86 #Add project information to the template context.
87 context = {
88     'using_theme': using_rtd_theme,
89     'html_theme': html_theme,
90     'current_version': "file-with-apostrophe",
91     'version_slug': "file-with-apostrophe",
92     'MEDIA_URL': "https://media.readthedocs.org/",
93     'STATIC_URL': "https://assets.readthedocs.org/static/",
94     'PRODUCTION_DOMAIN': "readthedocs.org",
95     'versions': [
96         ("latest", "/en/latest/"),
97         ("yaml-v2", "/en/yaml-v2/"),
98         ("use-requirements-from-submodule", "/en/use-requirements-from-submodule/"),
99         ("use-py2", "/en/use-py2/"),
100         ("use-image-5.0rc1", "/en/use-image-5.0rc1/"),
101         ("unicode-filename", "/en/unicode-filename/"),
102         ("d--branch", "/en/d--branch/"),
103         ("typlog-theme", "/en/typlog-theme/"),
104         ("timeout", "/en/timeout/"),
105         ("tag-v2", "/en/tag-v2/"),
106         ("tag-v1", "/en/tag-v1/"),
107         ("submodule-https-scheme", "/en/submodule-https-scheme/"),
108         ("submodule-git-scheme", "/en/submodule-git-scheme/"),
109         ("sphinx2", "/en/sphinx2/"),
110         ("sphinx-es-suggest", "/en/sphinx-es-suggest/"),
111         ("search-with-old-sphinx-and-theme", "/en/search-with-old-sphinx-and-theme/"),
112         ("robots-txt", "/en/robots-txt/"),
113         ("requirements-not-found", "/en/requirements-not-found/"),
114         ("pypy3.5", "/en/pypy3.5/"),
115         ("pygments-custom-lexer-apex", "/en/pygments-custom-lexer-apex/"),
116         ("py3.5", "/en/py3.5/"),
117         ("none-formats", "/en/none-formats/"),
118         ("nbsphinx-3d-plot", "/en/nbsphinx-3d-plot/"),
119         ("multiple-source-suffix", "/en/multiple-source-suffix/"),
120         ("japanese-pdf", "/en/japanese-pdf/"),
121         ("install-pytorch", "/en/install-pytorch/"),
122         ("huge-build-output", "/en/huge-build-output/"),
123         ("git-lfs", "/en/git-lfs/"),
124         ("file-with-apostrophe", "/en/file-with-apostrophe/"),
125         ("environment-variables", "/en/environment-variables/"),
126         ("datetime", "/en/datetime/"),
127         ("custom-404-page", "/en/custom-404-page/"),
128         ("conda-satisfied-skip-solve", "/en/conda-satisfied-skip-solve/"),
129         ("conda-env-py3.7", "/en/conda-env-py3.7/"),
130         ("conda-env", "/en/conda-env/"),
131         ("c-dependencies", "/en/c-dependencies/"),
132         ("build-internals", "/en/build-internals/"),
133         ("branch-with-slashes", "/en/branch-with-slashes/"),

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134     ("auto-wipe", "/en/auto-wipe/"),
135     ("all-formats", "/en/all-formats/"),
136     ("alabaster-theme", "/en/alabaster-theme/"),
137     ("activate-me", "/en/activate-me/"),
138 ],
139     'downloads': [
140     ("pdf", "//readthedocs.org/projects/test-builds/downloads/pdf/file-with-apostrophe/
↪"),
141     ("html", "//readthedocs.org/projects/test-builds/downloads/htmlzip/file-with-
↪apostrophe/"),
142     ("epub", "//readthedocs.org/projects/test-builds/downloads/epub/file-with-apostrophe/
↪"),
143 ],
144     'subprojects': [
145 ],
146     'slug': 'test-builds',
147     'name': u'test-builds',
148     'rtd_language': u'en',
149     'programming_language': u'words',
150     'canonical_url': 'https://test-builds.readthedocs.io/en/latest/',
151     'analytics_code': 'None',
152     'single_version': False,
153     'conf_py_path': '/docs/',
154     'api_host': 'https://readthedocs.org',
155     'github_user': 'rtdf',
156     'github_repo': 'test-builds',
157     'github_version': 'file-with-apostrophe',
158     'display_github': True,
159     'bitbucket_user': 'None',
160     'bitbucket_repo': 'None',
161     'bitbucket_version': 'file-with-apostrophe',
162     'display_bitbucket': False,
163     'gitlab_user': 'None',
164     'gitlab_repo': 'None',
165     'gitlab_version': 'file-with-apostrophe',
166     'display_gitlab': False,
167     'READTHEDOCS': True,
168     'using_theme': (html_theme == "default"),
169     'new_theme': (html_theme == "sphinx_rtd_theme"),
170     'source_suffix': SUFFIX,
171     'ad_free': False,
172     'user_analytics_code': '',
173     'global_analytics_code': 'UA-17997319-1',
174     'commit': 'a3253fd9',
175 }
176
177
178
179
180 if 'html_context' in globals():
181
182     html_context.update(context)

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```
183
184 else:
185     html_context = context
186
187 # Add custom RTD extension
188 if 'extensions' in globals():
189     # Insert at the beginning because it can interfere
190     # with other extensions.
191     # See https://github.com/rtfd/readthedocs.org/pull/4054
192     extensions.insert(0, "readthedocs_ext.readthedocs")
193 else:
194     extensions = ["readthedocs_ext.readthedocs"]
195
196 project_language = 'en'
197
198 # User's Sphinx configurations
199 language_user = globals().get('language', None)
200 latex_engine_user = globals().get('latex_engine', None)
201 latex_elements_user = globals().get('latex_elements', None)
202
203 # Remove this once xindy gets installed in Docker image and XINDYOPS
204 # env variable is supported
205 # https://github.com/rtfd/readthedocs-docker-images/pull/98
206 latex_use_xindy = False
207
208 chinese = any([
209     language_user in ('zh_CN', 'zh_TW'),
210     project_language in ('zh_CN', 'zh_TW'),
211 ])
212
213 japanese = any([
214     language_user == 'ja',
215     project_language == 'ja',
216 ])
217
218 if chinese:
219     latex_engine = latex_engine_user or 'xelatex'
220
221     latex_elements_rtd = {
222         'preamble': '\\usepackage[UTF8]{ctex}\n',
223     }
224     latex_elements = latex_elements_user or latex_elements_rtd
225 elif japanese:
226     latex_engine = latex_engine_user or 'platex'
```


CHAPTER 2

File with apostrophe

The generated js should be correct for this page.

This repository is used internally to create different scenarios on build configs and trigger many builds on Read the Docs productions.

Each branch should explain on it's `docs/index.rst` what's about and how the QA process can be considered a success or a failure.

If we need to test a very specific use case, we create a new branch with the issue number and the repository, like: `issue-1234-org`, `issue-4321-ext` or similar.

3.1 Scenarios

Each of these scenarios is a branch that can be built independently from the others.

- `alabaster-theme`: use `alabaster` as theme
- `auto-wipe`: used for auto wipe the environment when a config is changed
- `branch/with/slashes`: used to check that git clones without problem
- `conda-env`: use a simple conda environment to build the docs
- `conda-env-py3.7`: use a simple conda environment to build the docs with Python 3.7
- `datetime`: shows different times (system time, build time, etc)
- `environment-variables`: shows all the environment variables used to build the docs
- `huge-build-output`: generate megabytes of output data for commands
- `none-formats`: use `formats: []` so only HTML is built
- `requirements-not-found`: use `requirements_file: .notfound.txt`
- `robots-txt`: use a custom `robots.txt` for this project
- `search-with-old-sphinx-and-theme`: search box on old Sphinx and RTD theme version
- `timeout`: generate a timeout by sleeping 1000 seconds

- `typlog-theme`: use `typlog` as theme
- `ũńĩć°də-branch`: the name of the branch is unicode
- `unicode-filename`: has a page (`rst`) that its filename is unicode
- `use-py2`: use `python: version: 2`
- `yaml-v2`: use a simple YAML for the V2 configuration

Note: There could be more scenarios probably, but this list is not always up to date. Please, check [all the branches](#) to be sure.

3.2 Tags

We also have some tags to have some tests around this.

- `tag-v1`: points to an specific commit
- `tag-v2`: points to the same commit than `tag-v1` (Delete tags with same commit)

3.3 Addind a new scenario to the repository

1. Create a new branch from `master` using an appropriate name
2. Explain what's the use case in its `docs/index.rst` file
 - How to check if the QA can be considered success or failure
 - Add links to the issue tracker where there are more information
3. Add or modify the necessary files
 - Make sure that these files contains the minimum configuration needed:
 - remove auto generated comments
 - configs not used
4. Push your changes
5. Modify the `README.rst` file from `master` to add this new branch in the list

The generated js should be correct *for this page*.

Sphinx configuration file 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 ]
8
```

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```
9 latex_engine = 'xelatex' # allow us to build Unicode chars
10
11
12 # Include all your settings here
13 html_theme = 'sphinx_rtd_theme'
14
15
16
17
```

```
('>>>', '# Build at')
('>>>', 'import datetime')
('>>>', 'datetime.datetime.utcnow() # UTC')
datetime.datetime(2019, 6, 11, 23, 13, 46, 308111)
```