

## Arvados - Feature #15138

### Support building of documentation for each stable release

04/24/2019 03:57 PM - Peter Amstutz

<b>Status:</b>	Resolved	<b>Start date:</b>	06/12/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>	Ward Vandewege	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2019-06-19 Sprint		
<b>Description</b>			
We should support building multiple documentation versions (stable releases, master) and switching between them.			
New jenkins job that takes a git ref (tag or 'master') and builds documentation for that version.			
<ol style="list-style-type: none"><li>1. git checkout target version</li><li>2. build documentation<ol style="list-style-type: none"><li>1. parameter for target version, displayed on page header</li><li>2. link to index page with all versions</li></ol></li><li>3. upload documentation to doc server at a target version directory</li><li>4. regenerate index page with all versions + master</li><li>5. upload index page</li></ol>			
development tasks:			
<ul style="list-style-type: none"><li>• documentation lists selected version, dropdown menu links to every version</li></ul>			
ops task:			
<ul style="list-style-type: none"><li>• jenkins job to generate documentation for target version (either as part of build pipeline or release process)</li></ul>			
<b>Subtasks:</b>			
Task # 15354: review 15138-version-our-documentation			<b>Resolved</b>

#### Associated revisions

##### Revision 8ad5eb9a - 06/12/2019 06:02 PM - Ward Vandewege

Merge branch '15138-version-our-documentation'

refs #15138

Arvados-DCO-1.1-Signed-off-by: Ward Vandewege <[wvandewege@veritasgenetics.com](mailto:wvandewege@veritasgenetics.com)>

##### Revision 00015811 - 06/19/2019 07:02 PM - Ward Vandewege

Keep relative URL when switching between versions in our documentation.

refs #15138

Arvados-DCO-1.1-Signed-off-by: Ward Vandewege <[wvandewege@veritasgenetics.com](mailto:wvandewege@veritasgenetics.com)>

##### Revision 993a5c4d - 06/19/2019 07:15 PM - Ward Vandewege

Keep relative URL when switching between versions in our documentation.

refs #15138

Arvados-DCO-1.1-Signed-off-by: Ward Vandewege <[wvandewege@veritasgenetics.com](mailto:wvandewege@veritasgenetics.com)>

##### Revision b4bda0c1 - 06/19/2019 07:15 PM - Ward Vandewege

Keep relative URL when switching between versions in our documentation.

refs #15138

Arvados-DCO-1.1-Signed-off-by: Ward Vandewege <[wvandewege@veritasgenetics.com](mailto:wvandewege@veritasgenetics.com)>

## Revision fc4050de - 06/19/2019 07:16 PM - Ward Vandewege

Keep relative URL when switching between versions in our documentation.

refs #15138

Arvados-DCO-1.1-Signed-off-by: Ward Vandewege <[wvandewege@veritasgenetics.com](mailto:wvandewege@veritasgenetics.com)>

### History

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#### #1 - 04/24/2019 03:57 PM - Peter Amstutz

- Status changed from New to In Progress

#### #2 - 04/24/2019 03:58 PM - Peter Amstutz

- Subject changed from Containerize documentation building to Containerize documentation building & support multiple versions

- Status changed from In Progress to New

#### #3 - 04/24/2019 03:58 PM - Peter Amstutz

- Description updated

#### #4 - 05/01/2019 02:16 PM - Tom Morris

- Subject changed from Containerize documentation building & support multiple versions to Support building of documentation for each stable release

- Description updated

#### #5 - 05/01/2019 03:36 PM - Peter Amstutz

- Description updated

#### #6 - 05/01/2019 03:44 PM - Peter Amstutz

- Description updated

#### #7 - 05/01/2019 06:16 PM - Peter Amstutz

- Description updated

#### #8 - 05/01/2019 06:16 PM - Peter Amstutz

- Target version changed from To Be Groomed to Arvados Future Sprints

- Story points set to 2.0

#### #9 - 06/11/2019 05:44 PM - Ward Vandewege

- Status changed from New to In Progress

- Assigned To set to Ward Vandewege

- Target version changed from Arvados Future Sprints to 2019-06-19 Sprint

#### #10 - 06/11/2019 05:47 PM - Ward Vandewege

The branch 15138-version-our-documentation at [d50b8c00ec6aeb9175be4e4d8b58b684601eeda1](#) is ready for review.

Some config values to test with:

```
current_version: master
other_versions:
  - v1.4
  - v1.3
  - v1.2
  - master
```

I'm planning to only generate versions from 1.2, which is the first release we adopted a release branch for. I'm planning to only build documentation on the tip of each release branch (so, 1.2, 1.3, 1.4). I'm planning to cherry-pick the commits from this branch onto those three release branches.

To serve multiple versions of the docs, we're going to have an apache config along these lines:

```
# The default documentroot is 'current' aka master
DocumentRoot /var/www/doc.arvados.org/current/
# More human friendly name
Alias /master /var/www/doc.arvados.org/current
```

```
# The releases each get a directory, and these directories
# sit at the same level as the master directory. Map
# them correctly here.
RewriteEngine On
RewriteCond %{DOCUMENT_ROOT}/../%{REQUEST_URI} -d [OR]
RewriteCond %{DOCUMENT_ROOT}/../%{REQUEST_URI} -f
RewriteRule ^/(v\d.\d.\d.*)$ /var/www/doc.arvados.org/$1
```

This is the 'dev' part of the above issue description. I'm planning to do the other parts as an expansion of our existing git hook, there's no need for a jenkins task here.

**#11 - 06/12/2019 05:20 PM - Ward Vandewege**

I've pushed a new [3a080e9c0f670dcedd42229809e682008505b4db](#) on branch 15138-version-our-documentation that moves the dropdown to the right, which was the only (verbal) review comment by Peter.

**#12 - 06/12/2019 08:54 PM - Ward Vandewege**

- *Status changed from In Progress to Resolved*

**#13 - 01/21/2020 09:14 PM - Peter Amstutz**

- *Release set to 22*