ONAP - Write the Docs
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Agenda

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   • Convert Confluence to .rst
   • Live preview in VSC
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State of documentation in ONAP

ReadTheDocs: for all formal ONAP E2E and component documentation, e.g.
ONAP overview, architecture, API, release notes
ONAP developer guides (e.g. Documentation guide)
ONAP user guides (E2E), component guides, use cases, tutorials

Confluence Wiki: for ONAP release, project, subcommitee and development related content, e.g.
• project management (meetings, plans, milestones, members, ...)
• ongoing activities and discussions
• ONAP community event documentation
State of documentation in ONAP

Problems:
• documentation in Confluence should be in Read the Docs (RDT)
• duplicate and inconsistent documentation
• documentation in Confluence not versioned

Goals:
• move RDT related documentation from Confluence to RDT
• Provide same possibilities in Read the Docs
• Be efficient
**Technical Overview**

- **Read the Docs**
  - hosts
- **Sphinx**
  - written in
- **reStructuredText**
Converting Confluence pages to reStructuredText (.rst)

- Tool available to convert Confluence pages to .rst files,
- Several pages can be added to pagelist
- Not all elements in Confluence are covered
Creating Documentation with VSC Extensions

Running Blueprints Processor Microservice in an IDE

Objective

Have the processor running locally is to use the IDE to run the code. This way, code changes can be conveniently tested and debugged.

Check out the code

Check out the code from Gerrit: https://gerrit.onap.org/#/admin/pull-requests

Build it locally

In the checked out directory, type

```
$ code-block: bash
```

Tips & Tricks

Features: Embedding Videos, Tabbed Views

Wordpress CNF in CDS (POC)
This demo by CaliLabs shows an easy to use POC on how to use/deploys VNFs in CDS and its resource assignment.
Detailed description will follow as soon as there is an acknowledgement from CaliLabs that content can be published.
Goal is to use CDS (ONAP) in a very simple and understandable way. Azure, AWS and Kubernetes are used as VIMs through scil
This demo was tested on Frankfurt.

Presentation of Gerald Karam (2020-09-08)

Node type
TOSCA definition
In CDS, we have mainly two distinct types: components and sources. We have some other type as well, listed in the other section.

Component
Source
Other

Component:
Used to represent a functionality along with its contract, such as inputs, outputs, and attributes
Here is the root component TOSCA node type from which other node type will derive:

```
<component>
  <type>ResourceComponent</type>

  <description>
    "This is default component code", "version" => 0.4, "derived_from" => "toscas:node_types:component"
  </description>

  <attributes/>
</component>
```

Below is a list of supported components

<table>
<thead>
<tr>
<th>resource-resolution</th>
<th>script-executor</th>
<th>remote-script-executor</th>
<th>remote-ssh-executor</th>
</tr>
</thead>
</table>

component-resource-resolution:
Used to perform resolution of resources.
Requires as many as artifact-mapping-resource (see Artifact Type = Mapping) AND artifact-template-selector (see Artifact Type = S乞) as needed.
Testing ReadTheDocs

Webhook successfully added.
The project jk_onap_docs doesn't have a valid webhook setup, commits won't trigger new builds for this project. See the project integrations for more information.

The project ranger doesn't have a valid webhook setup, commits won't trigger new builds for this project. See the project integrations for more information.

The project Djangos53645747 doesn't have a valid webhook setup, commits won't trigger new builds for this project. See the project integrations for more information.

Build #12100880
latest 51227ec4f4424db0d9977d247034c7a2a7714b4

Installing

git clone --no-single-branch --depth 50 https://github.com/jakobk20/ccsd-onap-cds.git .
git clone --no-single-branch --depth 50 https://github.com/jakobk20/ccsd-onap-cds.git .
git clone --no-single-branch --depth 50 https://github.com/jakobk20/ccsd-onap-cds.git .
git clone --no-single-branch --depth 50 https://github.com/jakobk20/ccsd-onap-cds.git .
git clone --no-single-branch --depth 50 https://github.com/jakobk20/ccsd-onap-cds.git .
git checkout --force origin/master
git clean -df
python3.7 -m venv /home/docs/checkouts/readthedocs.org/user_builds/onap-cds/envs/latest
/home/docs/checkouts/readthedocs.org/user_builds/onap-cds/envs/latest/bin/python3.7 -m pip install --
Write the Docs

Links

- Read The Docs / Confluence Policy:
  [https://wiki.onap.org/display/DW/DeveloperWiki+and+ReadTheDocs+Usage+Policy](https://wiki.onap.org/display/DW/DeveloperWiki+and+ReadTheDocs+Usage+Policy)

- Migration of Developer Wiki Content to Read The Docs:
  [https://wiki.onap.org/display/DW/Migration+of+DeveloperWiki+Content+to+ReadTheDocs](https://wiki.onap.org/display/DW/Migration+of+DeveloperWiki+Content+to+ReadTheDocs)

- Creating Documentation in Read The Docs:

- Confluence pages to .rst converter:

- Tabbed view in RDT:
  [https://github.com/executablebooks/sphinx-tabs](https://github.com/executablebooks/sphinx-tabs)

- VSC reStructuredText Extension:
Thank you!