

LFN Developer & Testing Forum



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Unmaintained Code Handling and its Impact on Documentation

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Situation in Istanbul Release



- Istanbul release (documentation) consists of ...
 - "Istanbul" repos: 41 (have created a branch for the new release)
 - "Honolulu" repos: 2
 - "Guilin" repos:
 - "Frankfurt" repos: 3
 - "Latest" repos: 20 (have not branched at all)
- In addition (at least) 9 projects are "unmaintained" but still part of this release

Resulting Actions



- Working Group established:
 - Release Mgr, SecCom, Doc, Projects, Guests ...
 - Weekly meeting
 - 8am to 9am, Monday Pacific Time LA
 - contact David McBride if you like to join
 - Target: Fix the root cause and improve the processes for project lifecycle management and release management (details next page)
- Documentation Project:
 - Started to remove outdated content from ReadTheDocs (latest)
 - Beginning with "Jakarta", a project/repo contributing to the documentation of the release needs to ...
 - be actively maintained
 - create a branch for the new release

Targets of the Initiative



- ONAP must not depend on unmaintained software modules / projects!
- Increase transparency on software modules (repositories) included in an ONAP release to enable effective and efficient ...
 - security management
 - release management
 - documentation management
- Provide reliable information for all stakeholder (rel mgr, projects, oom, sec, doc) ...
 - which software module (repository) is included (was used to build the docker container)
 - which version of the software module is included (was used to build the docker container)
- Provide transparent and reliable knowledge about the ...
 - $\qquad \text{relationship between ONAP Release} \rightarrow \text{Docker Container \& Version} \rightarrow \text{Repository \& Version} \rightarrow \text{Project}$
 - (relationship currently missing is: Repository/Version → Docker Container/Version)
 - dependencies (deploy time & runtime) among ONAP projects
 - dependencies (runtime) between ONAP projects and use cases
 - current lifecycle state of ONAP projects and repositories (incl. optimized maintenance of this information)
- Improve the lifecycle management of software modules/projects.
- Enable a reliable and prompt decision making in case of unmaintained projects/repos

Unmaintained Code Handling



Time to discuss it with the community

Useful Resources



- Increased transparency on software modules included in an ONAP release
- Istanbul Documentation: Lessons Learned
- Unmaintained Projects Meeting
 - Managing Unmaintained Component Dependencies in ONAP
- Docker version evolution