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: 1
  – “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  – Started to remove outdated content from ReadTheDocs (latest)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 ...
  – relationship between ONAP Release → Docker Container & Version → Repository & Version → 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