

Build Process and Tagging Guidelines Proposal

Note: All Builds should have a corresponding repo manifest (with corresponding git hash for each repo) available point to the code using which the build is triggered.

Daily Builds:

Daily scheduled builds are triggered by CI/CD pipeline of Tungsten Fabric infrastructure, for master branch and all other active branches. It is expected to have only one daily build out of any branch.

Active branch: A Branch that maps to an active community release as per release lifecycle definition or otherwise approved as an exception by TSC

Master branch:

Build Tag format: <YYYY-MM-DD> (eg: 2020-10-09)

Additionally running tag "latest" can be used to point to the latest build

* if build passes the pre-defined minimum acceptance criteria it can be additionally tagged as "latest-stable"

Other Active Branches:

Build Tag format: <BranchName-YYYY-MM-DD> (eg: R2011-2020-10-09)

Additionally running tag <BranchName-latest> can be used to point to the latest build (eg: R2011-latest)

* if build passes the pre-defined minimum acceptance criteria it can be additionally tagged as <BranchName-latest-stable> (eg: R2011-latest-stable)

Release Builds:

While we are approaching Release dates for a particular release, daily builds based on acceptance test criteria will be rebuilt as Release candidates with appropriate build tag.

Release Candidate Build Tag Format: <ReleaseName-RCx> (eg: R2011-RC0 or R2011-RC1 and so on based on number of release candidates considered)

* Recommendation is not to have more than 4 release candidate builds

With Inputs from PTLs and Release Manager TSC approves one of these Release Candidates as a release build

Release Build Tag Format: <ReleaseName> (eg: R2011)

Release Naming: community release is labelled as <RYYMM> (eg: R2011) and subsequent service release will be labelled as <RYYMM.x> (eg: R2011.1) where x represents the service release number