

# Releasing Bronze Tasks

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## Steps Towards Releasing for Each Repo

1. Complete code upload/update;
2. Address any issues found in LF legal scan;
  - a. LF scan 06/10 results: <https://lfscanning.org/reports/o-ran/o-ran-2020-06-b53dcb1b-c050-4852-9946-faf2777594fe.html>
3. If involved in Bronze use case(s), passing use case testing
  - a. Bronze release use case testing: <https://wiki.o-ran-sc.org/display/IAT/Release+Testing+Plans>
4. If applicable, release binary artifact(s) such as docker container image(s)
  - a. Instructions: <https://wiki.o-ran-sc.org/display/ORAN/ORAN+Developer%27s+Guide+to+CI+Resources+and+Processes+at+the+LF#ORANDeveloper'sGuidetoCIResourcesandProcessesattheLF-ReleasingBinaryArtifacts>
5. Finish release notes;
  - a. Instructions for setting up documentation folder for repo: <https://wiki.o-ran-sc.org/display/DOC/Configure+Repo+for+Documentation>
  - b. Release Notes must be published to <https://docs.o-ran-sc.org/en/latest/>
6. Update references to artifacts (e.g. xApp descriptors) from staging artifacts to released artifacts;
7. After finishing all the above, branch "bronze" (all lower case).
  - a. Repo owners (committers) can create branch.
  - b. Several ways to create branch. For example:
    - i. Login to web UI <https://gerrit.o-ran-sc.org/r/admin/repos> > Find repo, click on repo name > "Branches" in left panel > "Create New"

Please update the corresponding row in the tables below as each repo progresses. We will use this wiki page to track releasing readiness.

## Status

### Color Coding

|                              |                       |      |      |                  |
|------------------------------|-----------------------|------|------|------------------|
| Code not Ready/Not in Bronze | No change since Amber | Pass | Fail | Work in Progress |
|------------------------------|-----------------------|------|------|------------------|

## Non-Realtime RAN Intelligent Controller

PTL: [John Keeney](#)

| Project  | Link to Repo                                                                                                                                                      | Passing LF legal scan | Passing Bronze use case testing | Released Artifact(s)                                                                                                                    | Link to Component Release Notes                                                                                                                                                                                                         | Branching "bronze" completed |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| NONRTRIC | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=nonrtric.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=nonrtric.git</a>                               | Y                     | Y                               | nexus3.o-ran-sc.org: 10002/o-ran-sc/nonrtric-policy-agent:2.0.0<br><br>nexus3.o-ran-sc.org: 10002/o-ran-sc/nonrtric-a1-controller:2.0.0 | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtric/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-nonrtric/en/latest/release-notes.html</a>                                                       | Y                            |
| NONRTRIC | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=portal%2Fnonrtric-controlpanel.git">https://gerrit.o-ran-sc.org/r/gitweb?p=portal%2Fnonrtric-controlpanel.git</a> | Y                     | N/A                             | nexus3.o-ran-sc.org: 10002/o-ran-sc/nonrtric-controlpanel:2.0.0                                                                         | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-portal-nonrtric-controlpanel/en/latest/release-notes.html#bronze">https://docs.o-ran-sc.org/projects/o-ran-sc-portal-nonrtric-controlpanel/en/latest/release-notes.html#bronze</a> | Y                            |

## Operation and Management

PTL: [Martin Skorupski](#)

| Project          | Repos                                                                                                                                                       | Passing LF legal scan | Passing Bronze use case Testing | Released Artifact(s)                                   | Link to Component Release Notes                                                                                                                                                                           | Branching "bronze" completed |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| OAM              | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=oam.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=oam.git</a>                                   | Y                     | Y                               | nexus3.onap.org:10001/onap/sdnc-image:1.8.2            | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-oam/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-oam/en/latest/release-notes.html</a>                                   | Y                            |
| OAM (Portal RIC) | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=portal/ric-dashboard.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=portal/ric-dashboard.git</a> | Y                     | N/A                             | nexus3.o-ran-sc.org:10002/o-ran-sc/ric-dashboard:2.0.3 | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-portal-ric-dashboard/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-portal-ric-dashboard/en/latest/release-notes.html</a> | Y                            |

## Near Realtime RAN Intelligent Controller- Applications

PTL: [Matti Hiltunen](#)

| Project | Repos                                                                                                                                       | Passing LF legal scan | Passing Bronze use case testing | Released Artifact(s)                                       | Link to Component Release Notes                                                                                                                                                                     | Branching "bronze" completed |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| RICAPP  | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=com/gslite.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=com/gslite.git</a>     | Y                     | N/A                             | N/A                                                        | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-com-gslite/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-com-gslite/en/latest/index.html</a>                               | Y                            |
| RICAPP  | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-app/mc.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-app/mc.git</a>     | Y                     | N/A                             | nexus3.o-ran-sc.org:10002/o-ran-sc/ric-app-mc:1.0.8        | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-mc/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-mc/en/latest/release-notes.html</a>               | Y                            |
| RICAPP  | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-app%2Fqp.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-app%2Fqp.git</a>               | Y                     | Y                               | nexus3.o-ran-sc.org:10002/o-ran-sc/ric-app-qp:0.0.2        | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-qp/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-qp/en/latest/release-notes.html</a>               | Y                            |
| RICAPP  | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-app%2Fqp-driver.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-app%2Fqp-driver.git</a> | Y                     | Y                               | nexus3.o-ran-sc.org:10002/o-ran-sc/ric-app-qp-driver:1.0.9 | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-qp-driver/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-qp-driver/en/latest/release-notes.html</a> | Y                            |
| RICAPP  | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-app%2Fts.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-app%2Fts.git</a>               | Y                     | Y                               | nexus3.o-ran-sc.org:10002/o-ran-sc/ric-app-ts:1.0.11       | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-ts/en/latest/rel-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-ts/en/latest/rel-notes.html</a>                       | Y                            |
| RICAPP  | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-app%2Fhw.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-app%2Fhw.git</a>               | Y                     | Y                               | nexus3.o-ran-sc.org:10002/o-ran-sc/ric-app-hw:1.0.6        | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-hw/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-app-hw/en/latest/release-notes.html</a>               | Y                            |

## Near Realtime RAN Intelligent Controller- Platform

PTL: [Thoralf Czichy](#)

| Project | Repos                                                                                                                                 | Passing LF legal scan | Passing Bronze use case testing | Released Artifact(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Link to Component Release Notes                                                                                                                                                     | Branching "bronze" completed |
|---------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| RICP    | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=com/log">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=com/log</a>             | Y                     | Y                               | <a href="https://packagecloud.io/o-ran-sc/release/packages/el/5/mdclog-0.0.4-1.x86_64.rpm">https://packagecloud.io/o-ran-sc/release/packages/el/5/mdclog-0.0.4-1.x86_64.rpm</a><br><a href="https://packagecloud.io/o-ran-sc/release/packages/el/5/mdclog-devel-0.0.4-1.x86_64.rpm">https://packagecloud.io/o-ran-sc/release/packages/el/5/mdclog-devel-0.0.4-1.x86_64.rpm</a><br><a href="https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/mdclog_0.0.4-1_amd64.deb">https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/mdclog_0.0.4-1_amd64.deb</a><br><a href="https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/mdclog-dev_0.0.4-1_amd64.deb">https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/mdclog-dev_0.0.4-1_amd64.deb</a> | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-com-log/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-com-log/en/latest/release-notes.html</a>     | Y                            |
| RICP    | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=com/golog.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=com/golog.git</a> | Y                     | Y                               | No Artifact(Go module)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-com-golog/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-com-golog/en/latest/release-notes.html</a> | Y                            |
| RICP    | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=com/pylog.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=com/pylog.git</a> | Y                     | Y                               | <a href="https://pypi.org/project/mdclogpy/">https://pypi.org/project/mdclogpy/</a> (v1.1.1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-com-pylog/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-com-pylog/en/latest/release-notes.html</a> | Y                            |

|      |                                                                                                                                                               |   |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                   |     |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/a1.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/a1.git</a>                       | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-a1:2.1.9">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-a1:2.1.9</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-a1/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-a1/en/latest/release-notes.html</a>             | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Falarm-go.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Falarm-go.git</a>                     | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-alarmadapter:0.4.5">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-alarmadapter:0.4.5</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-alarm-go/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-alarm-go/en/latest/release-notes.html</a> | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/appmgr.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/appmgr.git</a>               | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-appmgr:0.4.3">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-appmgr:0.4.3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-appmgr/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-appmgr/en/latest/index.html</a>                     | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/dbaas.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/dbaas.git</a>                 | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-dbaas:0.2.2">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-dbaas:0.2.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-dbaas/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-dbaas/en/latest/release-notes.html</a>       | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/e2.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/e2.git</a>                       | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-e2:4.4.1">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-e2:4.4.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-e2/en/latest/release-notes.html#">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-e2/en/latest/release-notes.html#</a>           | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/e2mgr.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/e2mgr.git</a>                 | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-e2mgr:4.4.12">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-e2mgr:4.4.12</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-e2mgr/en/latest/release-notes.html#">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-e2mgr/en/latest/release-notes.html#</a>     | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/jaegeradapter.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/jaegeradapter.git</a> | Y | N/A |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                   | Yes |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/lib/rmr.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/lib/rmr.git</a>             | Y | Y   | <a href="#">rmr-4.0.5-1.x86_64.rpm/download.rpm</a><br><a href="#">rmr-devel-4.0.5-1.x86_64.rpm/download.rpm</a><br><a href="#">rmr_4.0.5_amd64.deb/download.deb</a><br><a href="#">rmr-dev_4.0.5_amd64.deb/download.deb</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-lib-rmr/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-lib-rmr/en/latest/release-notes.html</a>   | Yes |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/nodeb-mrib.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/nodeb-mrib.git</a>       | Y | Y   | Go Module<br><br><a href="https://gerrit.o-ran-sc.org/r/ric-plt/nodeb-mrib.git/common">gerrit.o-ran-sc.org/r/ric-plt/nodeb-mrib.git/common</a> v1.0.35<br><a href="https://gerrit.o-ran-sc.org/r/ric-plt/nodeb-mrib.git/entities">gerrit.o-ran-sc.org/r/ric-plt/nodeb-mrib.git/entities</a> v1.0.35<br><a href="https://gerrit.o-ran-sc.org/r/ric-plt/nodeb-mrib.git/reader">gerrit.o-ran-sc.org/r/ric-plt/nodeb-mrib.git/reader</a> v1.0.35<br><br>C package:<br><br><a href="https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/mrib_1.0.3_all.deb">https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/mrib_1.0.3_all.deb</a>                                                                                                                          | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-nodeb-mrib/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-nodeb-mrib/en/latest/index.html</a>             | Yes |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fo1.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fo1.git</a>                                 | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-o1:0.4.4">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-o1:0.4.4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-o1/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-o1/en/latest/release-notes.html</a>             | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fric-dep.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fric-dep.git</a>                       | Y | Y   | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-ric-dep/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-ric-dep/en/latest/index.html</a>                   | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/rtmgr.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/rtmgr.git</a>                 | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-rtmgr:0.6.1">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-rtmgr:0.6.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-rtmgr/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-rtmgr/en/latest/index.html</a>                       | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/sdl.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/sdl.git</a>                     | Y | Y   | <a href="https://packagecloud.io/o-ran-sc/release/packages/el/5/sdl-1.0.4-1.x86_64.rpm">https://packagecloud.io/o-ran-sc/release/packages/el/5/sdl-1.0.4-1.x86_64.rpm</a><br><br><a href="https://packagecloud.io/o-ran-sc/release/packages/el/5/sdl-devel-1.0.4-1.x86_64.rpm">https://packagecloud.io/o-ran-sc/release/packages/el/5/sdl-devel-1.0.4-1.x86_64.rpm</a><br><br><a href="https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/sdl_1.0.4-1_amd64.deb">https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/sdl_1.0.4-1_amd64.deb</a><br><br><a href="https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/sdl-dev_1.0.4-1_amd64.deb">https://packagecloud.io/o-ran-sc/release/packages/debian/stretch/sdl-dev_1.0.4-1_amd64.deb</a> | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-sdl/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-sdl/en/latest/index.html</a>                           | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/sdlgo.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/sdlgo.git</a>                 | Y | Y   | Not relevant (Go Module)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-sdlgo/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-sdlgo/en/latest/index.html</a>                       | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fsdlpy.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fsdlpy.git</a>                           | Y | Y   | <a href="https://pypi.org/project/ricsdl/">https://pypi.org/project/ricsdl/</a> (2.0.4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-sdlpy/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-sdlpy/en/latest/index.html</a>                       | Y   |

|      |                                                                                                                                                                 |   |     |                                                                                                                                           |                                                                                                                                                                                                             |     |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fstreaming-protobufs.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fstreaming-protobufs.git</a> | Y | N/A | N/A as only protobuf definitions                                                                                                          | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-streaming-protobufs/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-streaming-protobufs/en/latest/index.html</a>     | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/submgr.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/submgr.git</a>                 | Y | N/A | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-submgr:0.4.3">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-submgr:0.4.3</a>     | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-submgr/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-submgr/en/latest/release-notes.html</a>               | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/tracelibcpp.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/tracelibcpp.git</a>       | Y | N/A |                                                                                                                                           |                                                                                                                                                                                                             | y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/tracelibgo.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/tracelibgo.git</a>         | Y | N/A |                                                                                                                                           |                                                                                                                                                                                                             | y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/xapp-frame.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/xapp-frame.git</a>         | Y | Y   | Not relevant (Go Module)                                                                                                                  | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-xapp-frame/en/latest/index.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-xapp-frame/en/latest/index.html</a>                       | y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fxapp-frame-cpp.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fxapp-frame-cpp.git</a>           | Y | N/A | ricxfcpp-1.0.0-1.x86_64.rpm<br>ricxfcpp-devel-1.0.0-1.x86_64.rpm<br>ricxfcpp_1.0.0_amd64.deb<br>ricxfcpp-dev_1.0.0_amd64.deb              | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-xapp-frame-cpp/en/latest/rel-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-xapp-frame-cpp/en/latest/rel-notes.html</a>       | Yes |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fxapp-frame-py.git">https://gerrit.o-ran-sc.org/r/gitweb?p=ric-plt%2Fxapp-frame-py.git</a>             | Y | N/A | <a href="https://pypi.org/project/ricxappframe==1.2.0">https://pypi.org/project/ricxappframe==1.2.0</a>                                   | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-xapp-frame-py/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-xapp-frame-py/en/latest/release-notes.html</a> | Y   |
| RICP | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/vespamgr.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=ric-plt/vespamgr.git</a>             | Y | Y   | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-vespamgr:0.4.0">nexus3.o-ran-sc.org:10002/o-ran-sc/ric-plt-vespamgr:0.4.0</a> | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-vespamgr/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-ric-plt-vespamgr/en/latest/release-notes.html</a>           | Y   |

## O-RAN Central Unit

PTL: [user-a934b](#)

| Project | Link to Repo                                                                                                                          | Passing LF legal Scan | Passing Bronze use case testing | Released Artifact (s) | Link to Component Release Notes                                                                                                                       | Branching "bronze" completed |
|---------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| OCU     | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=scp%2Focu%2F5gnr.git">https://gerrit.o-ran-sc.org/r/gitweb?p=scp%2Focu%2F5gnr.git</a> | N/A                   | N/A                             | N/A                   | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-scp-ocu-5gnr/en/latest/">https://docs.o-ran-sc.org/projects/o-ran-sc-scp-ocu-5gnr/en/latest/</a> | Y                            |

## O-RAN Distributed Unit - Higher Layers

PTL: [Sachin Srivastava](#)

| Project | Link to Repo                                                                                                                      | Passing LF legal Scan | Passing Bronze use case testing | Released Artifact(s)                                                                                                                                                                                                                                               | Link to Component Release Notes                                                                                                                                                 | Branching "bronze" completed |
|---------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| ODUHGH  | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=o-du-l2.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=o-du-l2.git</a> | Y                     | Y                               | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/o-du-l2:2.0.1">nexus3.o-ran-sc.org:10002/o-ran-sc/o-du-l2:2.0.1</a><br><a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/o-du-l2-cu-stub:2.0.1">nexus3.o-ran-sc.org:10002/o-ran-sc/o-du-l2-cu-stub:2.0.1</a> | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-o-du-l2/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-o-du-l2/en/latest/release-notes.html</a> | Y                            |

## O-RAN Distributed Unit - Lower Layers

PTL: [Zhimin Yuan](#)

| Project | Link to Repo                                                                                                                        | Passing LF legal Scan | Passing Bronze use case testing | Released Artifact (s) | Link to Component Release Notes                                                                                                                                                   | Branching "bronze" completed |
|---------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| ODULOW  | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=o-du/phy.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=o-du/phy.git</a> |                       | N/A                             | N/A                   | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-o-du-phy/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-o-du-phy/en/latest/release-notes.html</a> | Y                            |

## Infrastructure

PTL: [Xiaohua Zhang](#)

| Project | Link to Repo                                                                                                                      | Passing LF legal Scan | Passing Bronze use case testing | Released Artifact(s)                                                 | Link to Component Release Notes                                                                                                                                                 | Branching "bronze" completed |
|---------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| INF     | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=pti/rtp.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=pti/rtp.git</a> | Y                     | N/A                             | N/A, final release image will be available during Bronze Maintenance | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-pti-rtp/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-pti-rtp/en/latest/release-notes.html</a> | Y                            |

## Simulations

PTL: [Alex Stancu](#)

| Project | Link to Repo                                                                                                                                        | Passing LF legal Scan | Passing Bronze use case testing | Released Artifact(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Link to Component Release Notes                                                                                                                                                                   | Branching "bronze" completed                  |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| SIM     | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=sim%2Fa1-interface.git">https://gerrit.o-ran-sc.org/r/gitweb?p=sim%2Fa1-interface.git</a>           | Y                     | N/A                             | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/a1-simulator:2.0.0">nexus3.o-ran-sc.org:10002/o-ran-sc/a1-simulator:2.0.0</a>                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-sim-a1-interface/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-sim-a1-interface/en/latest/release-notes.html</a> | Y                                             |
| SIM     | <a href="https://gerrit.o-ran-sc.org/r/gitweb?p=sim%2Fe2-interface.git">https://gerrit.o-ran-sc.org/r/gitweb?p=sim%2Fe2-interface.git</a>           | Y                     | N/A                             | N/A, will be available in Bronze Maintenance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | N/A, will be available in Bronze Maintenance.                                                                                                                                                     | N/A, will be available in Bronze Maintenance. |
| SIM     | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=sim/o1-interface.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=sim/o1-interface.git</a> | Y                     | N/A                             | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ntsim-manager:0.6.1">nexus3.o-ran-sc.org:10002/o-ran-sc/ntsim-manager:0.6.1</a><br><a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ntsim-o-ran-ru:0.6.1">nexus3.o-ran-sc.org:10002/o-ran-sc/ntsim-o-ran-ru:0.6.1</a><br><a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ntsim-o-ran-ru-fh:0.6.1">nexus3.o-ran-sc.org:10002/o-ran-sc/ntsim-o-ran-ru-fh:0.6.1</a><br><a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/ntsim-x-ran:0.6.1">nexus3.o-ran-sc.org:10002/o-ran-sc/ntsim-x-ran:0.6.1</a> | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-sim-o1-interface/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-sim-o1-interface/en/latest/release-notes.html</a> | Y                                             |

## Documentation

PTL: [weichen ni](#)

| Project | Link to Repo                                                                                                              | Passing LF legal Scan | Passing Bronze use case testing | Released Artifact(s) | Link to Component Release Notes                                                                                             | Branching "bronze" completed |
|---------|---------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------|
| DOC     | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=doc.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=doc.git</a> | Y                     | N/A                             | N/A                  | <a href="https://docs.o-ran-sc.org/en/latest/release-notes.html">https://docs.o-ran-sc.org/en/latest/release-notes.html</a> | Y                            |

## Integration and Testing

PTL: [user-d3360](#)

| Project | Link to Repo                                                                                                                    | Passing LF legal Scan | Passing Bronze use case testing | Released Artifact(s)                                                                                                                                                                                                                                                   | Link to Component Release Notes                                                                                                                                               | Branching "bronze" completed |
|---------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| INT     | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=it/dep.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=it/dep.git</a> | Y                     | Y                               | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/it-dep-secret:0.0.2">nexus3.o-ran-sc.org:10002/o-ran-sc/it-dep-secret:0.0.2</a><br><a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/it-dep-init:0.0.1">nexus3.o-ran-sc.org:10002/o-ran-sc/it-dep-init:0.0.1</a> | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-it-dep/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-it-dep/en/latest/release-notes.html</a> | Y                            |
| INT     | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=it/dev.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=it/dev.git</a> | Y                     | Y                               | <a href="https://nexus3.o-ran-sc.org:10002/o-ran-sc/xapp-onboarder:1.0.7">nexus3.o-ran-sc.org:10002/o-ran-sc/xapp-onboarder:1.0.7</a>                                                                                                                                  | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-it-dev/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-it-dev/en/latest/release-notes.html</a> | Y                            |

|     |                                                                                                                                   |   |     |                                                                    |                                                                                                                                                                                 |   |
|-----|-----------------------------------------------------------------------------------------------------------------------------------|---|-----|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| INT | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=it/test.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=it/test.git</a> | Y | N/A | nexus3.o-ran-sc.org:10002/o-ran-sc/it-test-nanobot:0.0.3           | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-it-test/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-it-test/en/latest/release-notes.html</a> | Y |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-test-ric-robot:0.2.0         |                                                                                                                                                                                 |   |
| INT | <a href="https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=it/otf.git">https://gerrit.o-ran-sc.org/r/gitweb?a=tree;p=it/otf.git</a>   | Y | Y   | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-camunda:0.0.1            | <a href="https://docs.o-ran-sc.org/projects/o-ran-sc-it-otf/en/latest/release-notes.html">https://docs.o-ran-sc.org/projects/o-ran-sc-it-otf/en/latest/release-notes.html</a>   | Y |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-frontend:0.0.4           |                                                                                                                                                                                 |   |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-oran-ric-test-head:0.0.1 |                                                                                                                                                                                 |   |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-ping-test-head:0.0.1     |                                                                                                                                                                                 |   |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-robot-test-head:0.0.1    |                                                                                                                                                                                 |   |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-service-api:0.0.1        |                                                                                                                                                                                 |   |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-ssh-test-head:0.0.1      |                                                                                                                                                                                 |   |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-a1-sdnc:0.0.1            |                                                                                                                                                                                 |   |
|     |                                                                                                                                   |   |     | nexus3.o-ran-sc.org:10002/o-ran-sc/it-otf-a1-policy-manager:0.0.1  |                                                                                                                                                                                 |   |
|     |                                                                                                                                   |   |     |                                                                    |                                                                                                                                                                                 |   |