

Status

Aug.20 2020 update:

O-DU Low Bronze Release V 1.1 includes:

- Enhanced feature set for O-RAN FrontHaul compliant Radio<-> L1 interface, FAPI compliant L1<->L2 interfaces, and a shared memory and buffer management library for efficient L1<->L2 communication
- Enhanced the code coverage test through more test cases.
- Bug fixes according to unit test and integration test with third party.
- Please refer to version FH oran_release_bronze_v1.1, FAPI TM oran_release_bronze_v1.1 and WLS oran_release_bronze_v1.1 release notes for additional details.

Jun.15 2019 update:

The Bronze Release includes:

- ORAN WG8 Software Specification compliant DU Low implementation including O-RAN FrontHaul compliant Radio<-> L1 interface, FAPI compliant L1<->L2 interfaces, and a shared memory and buffer management library for efficient L1<->L2 communication
- Ability to link in a high-performance L1 stack application with advanced 5G NR features including 3GPP TS 38.211, 212, 213, 214 and 215, running on Intel Xeon processor based O-DU hardware, and packaged with a comprehensive functional and performance evaluation framework.

Bronze Release finished epics as below:

Epics	Done
Develop L1/L2 FAPI Interface API	1.Develop the L1/L2 FAPI API files 2.Develop the interface parse software for O-DU low software
Develop O-DU Low binary	1.Upstream the O-DU low binary file with typical test cases 2.Provide loader for OSC to download and test
Enhance O-RAN Front Haul Library	1.Develop new features, include support category B, Support block floating point compression and decompression 2.Develop the CI/CD infrastructure according to O-RAN requirement
O-DU interface with accelerator	Depend on the specification definition(BBDev)

Dec.15 2019 Update:

The Amber Release includes:

- ORAN WG8 Software Specification compliant DU Low implementation including O-RAN FrontHaul compliant Radio<-> L1 interface, it demonstrates high efficient WG4 CUS plane implementation on Intel Xeon processor.

Amber release finished epics as below

Epics	Done
Develop O-RAN Front Haul Library	1.Source code in Amber release, CUS plane functionality. 2.Integration with two third party radios, demonstrate in O-RAN plugfest with E2E connection with commercial UE.