Projects

Project Key	Project Name	PTL	Description
RICAPP	RIC Applications	SUNIL SINGH	This includes open source sample xAPPs and platform applications that can we used for integration, testing, and demonstrations.
RIC	Near Realtime RAN Intelligent Controller	Abdul Wahid W	RIC Platform to support xAPPs with limited support for O1, A1, and E2 interfaces.
OCU	O-RAN Central Unit	TBD	The OCU should target an initial software deliverable with limited functionality. Focus on aa basic E2 interface to enable initial integration testing between RIC and OCU.
ODUHIGH	O-RAN Distributed Unit High Layers	Ankit Barve	Focus on initial L2 functional blocks based on seed code contributions.
ODULOW	O-RAN Distributed Unit Low Layers	peng Lu	Focus on initial L1 functional blocks based on seed code contributions.
ORU	O-RAN Radio Unit	TBD	Out of scope for release "A".
OAM	Operations and Maintenance	Martin Skorupski	O1-related sysdev; initial dashboard for monitoring and demonstration of contributions. More ...
SIM	Simulations	Alex Stancu	Initial simulators used for testing O-RAN NF interfaces.
INF	Infrastructure	Jackie Huang	Initial building blocks for infrastructure to run O-RAN NF components.
INT	Integration and Testing	James Li	The integration and test effort will focus on testing the requirements documented in each release. This will focus on end to end test and use case testing. In addition, it's a ultimate goal to establish a full end-to-end call flow using OSC components to carry out end-to-end integration tests and/or plug-and-play interoperability tests; but before that will try to perform pairwise tests based on release use cases as much as possible. Another target is to establish a CI/CD/CT pipeline to improve code stablity/quality and adopt modern Dev/Ops methodology.
DOC	Documentation	weichen ni	Documentation on contributions and O-RAN SC contents.
NONRTRIC	Non-RealTime RIC (RAN Intelligent Controller)	John Keeney	Non-Realtime RIC focus on feature functionality of A1-interface, R1 interface, and support rApp (applications). More ...
SMO	Service Management and Orchestration (SMO)	Seshu Kumar Mudiganti	The primary goal of the SMO project is to integrate different software artifacts of existing open-source projects creating a fully functional open-source Service Management and Orchestration (SMO).
AIMLFW	AI/ML Framework	subhash kumar singh	Initial AI/ML workflow implementation for O-RAN environment. Need to interact with another project to accomplish a whole life cycle management of the AI model.

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