

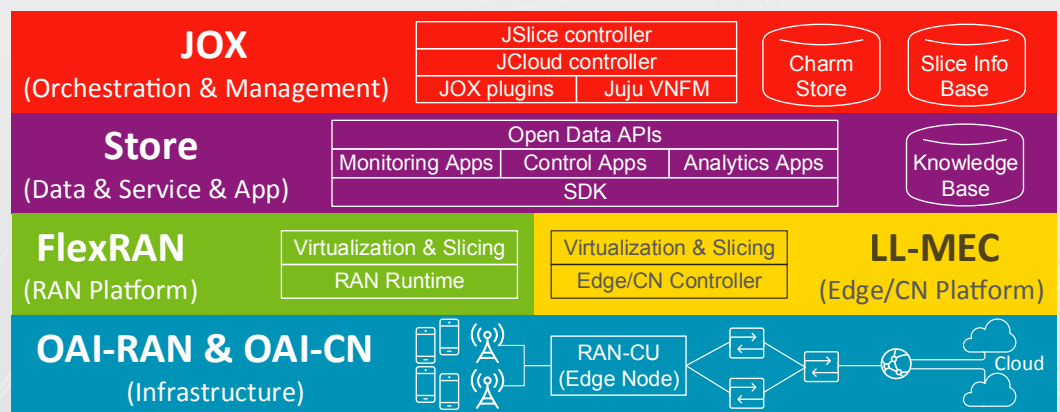
Mosaic5G

Mosaic5G (<http://mosaic-5g.io/>) is a non-profit initiative fostering a community of industrial as well as academic contributors for open-source software development to realize the service-oriented vision of 5G. It aims to develop, promote, and share an ecosystem of open-source platforms and use-cases for 5G system R&D leveraging SDN, NFV, and MEC technology enablers. Mosaic5G targets three core dimensions: Open collaborative communities, Open control plane and user plane APIs, and Open data & analytics.

Mosaic5G

Five software components are included: (1) JOX as the service orchestrator, (2) Store as the repository of applications and datasets, (3) LL-MEC as the core network and edge controller, (4) FlexRAN as the real-time radio access network (RAN) controller, and (5) OpenAirInterface (OAI) RAN and OAI CN as the 3GPP-compliant 4G/5G implementation.

Schema



Mosaic5G

Paradigms



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Mosaic5G Channel Demos



Mosaic5G Membership

User	Contributor	Sponsor Partner
Free of Charge	Free of Charge	Membership Fee
Access to the code and documentation	Access to the code and documentation	Build a custom solution for your use-case
Access to mailing lists and get support	Access to Training and prototyping sessions	Get support to build a PoC
Share use-case and PoC	Access to new features and fixes	Establish a collaborative R&D project
	Lead a collaborative R&D project	Become member of advisory board
	Contribute to the source code	Access to the Mosaic5G lab environment
		User and partner benefits



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