

Akraino Blueprint Validation Framework

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Project Technical Lead: Thor Chin, Inwinstack. Elected PTL September 2021.

Project Committers detail:

Initial Committers for a project will be specified at project creation. Committers have the right to commit code to the source code management system for that project.

A Contributor may be promoted to a Committer by the project's Committers after demonstrating a history of contributions to that project.

Only Committers for a project are eligible to vote for a project's Project Technical Lead.

Please see [Akraino Technical Community Document](#) section 3.1.3 for more detailed information.

Committer	Committer Company	Committer Contact Info	Committer Bio	Committer Picture	Self Nominate for PTL (Y/N)-2020
Andrew Wilkinson	Ericsson	andrew.wilkinson@ericsson.com			
Tapio Tallgren	Nokia	tapio.tallgren@nokia.com			
Cristina Pauna	Arm	cristina.pauna@enea.com (incorrect email address)			
Juha Kosonen	Nokia	juha.kosonen@nokia.com			
Thor Chin	PGTalk	thorking@pgtalk.com			Y
Deepak Kataria	AT&T	dd7022@att.com			

Feature Project Use Case:

Feature	Description	Companies Participating / Committers	Requested Release / Timeline	Informational
Akraino Blueprint Validation Framework Project	1. The purpose of the Validation framework project is to define a standard set of tools and tests to evaluate Akraino Blueprints to determine if the blueprints are 'Akraino ready / validated' 2. As part of this, a consistent test framework that is automated and that works across all layers of the Akraino Edge Stack (HW, OS, K8s, Openstack, etc.) and across different BPs/BP Families will be provided. 3. Blueprint owners will be expected to conduct the standard tests with the specified tools. Project technical leads will share the results of the platform testing with the Akraino TSC so that the TSC can decide if the blueprint can proceed from the Incubation to Mature or Core stages. 3a. The proposed test set would be required to be passed for all in-scope layers of Akraino BPs 3b. The validation framework defines a consistent minimum mandatory test set and test tools 4. The validation framework can be extended to meet the requirements of Blueprints that are not included in the standard tests 4a. It is incumbent on the blueprint owners to submit additional requirements to extend the validation framework in the feature project 5. Validation framework project will leverage pre-existing open source tool sets as much as possible	AT&T Ericsson Nokia Arm/Enea	R1	Impacted Blueprint Family – Applies to all BP Families and Blueprints See next slide for additional details



Validation Frame...e Project v2.pdf

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