

Anuket Technical Project Deep Dive

By Georg Kunz and Gergely Csatari

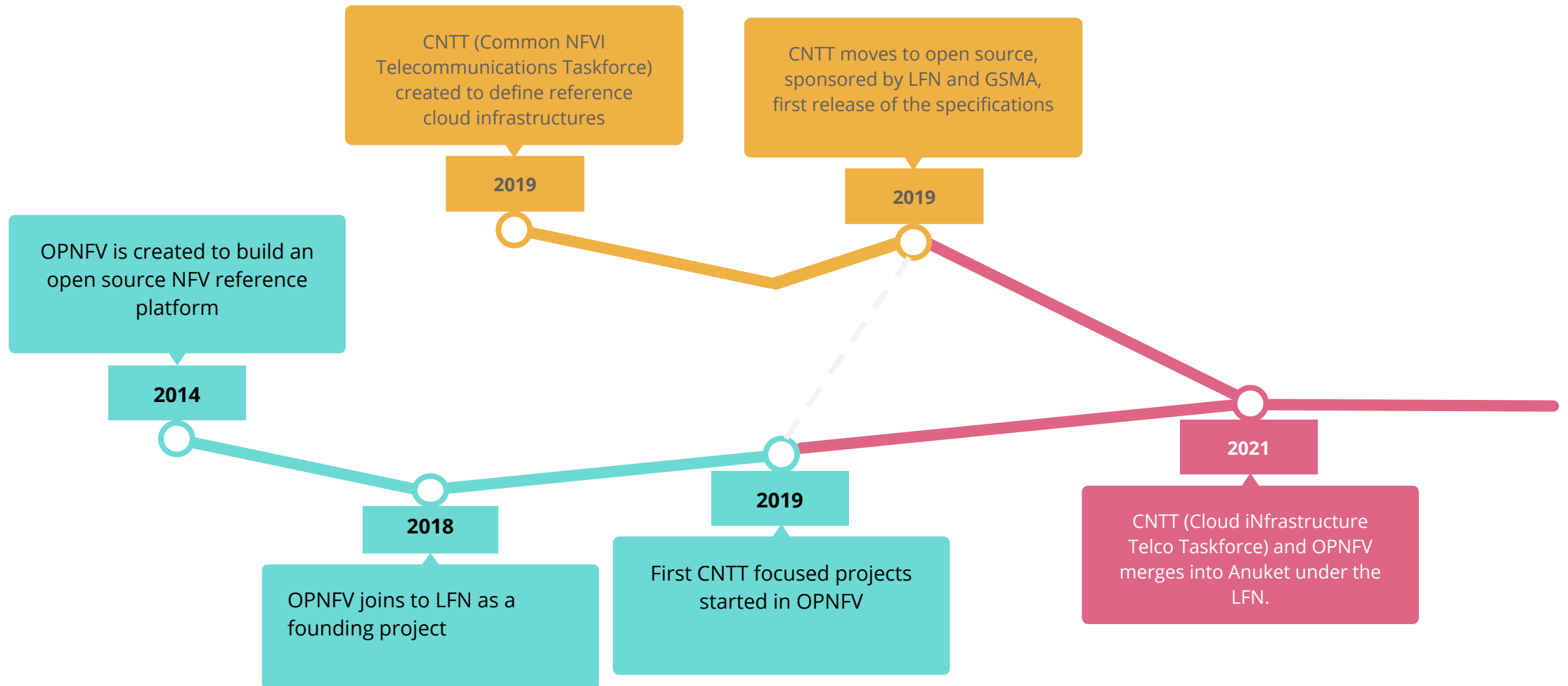


Anuket mission statement

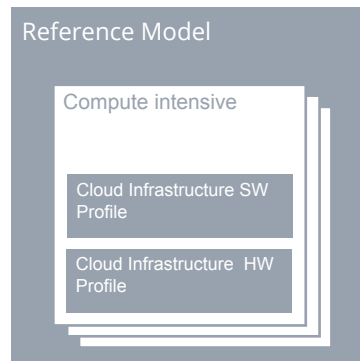


Empower the global communications community by creating and developing reference cloud infrastructure models, architectures, conformance programs and tools to deliver network services faster, more reliably, and securely.

History of Anuket



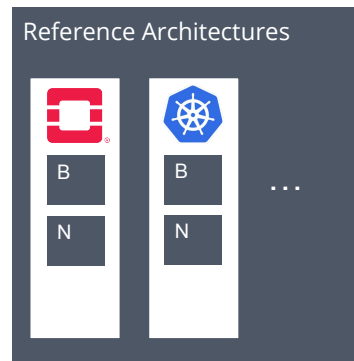
Type of specifications



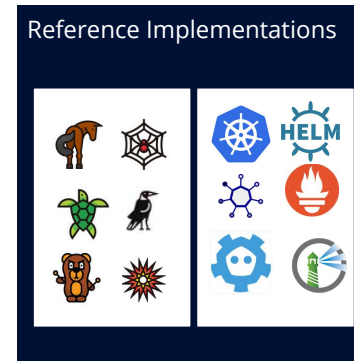
A collection of Cloud Infrastructure properties with standardized values for different usage profiles like Basic, Compute Intensive or Network Intensive.

Automated tests and test environment hosted by LF to test if an Cloud Infrastructure is compliant with the profiles.

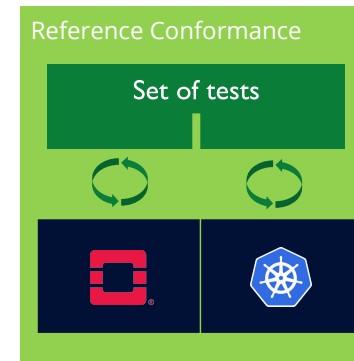
Verification program for Cloud Infrastructures and applications.



Definition of specific Cloud infrastructure implementations compliant to one or more profiles from the Reference Model.



Implementation of the different Reference Architectures.

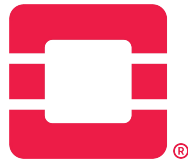


Conformance test suite to test if an infrastructure is compliant with the RM and the RA

Some pointers

Reference Model (RM)
[RTD](#), [GH](#)

1



Reference Architectures

RA1
[RTD](#), [GH](#)

Reference Implementations

R1
[RTD](#), [GH](#), [Wiki](#)

Reference Conformances

RC1
[RTD](#), [GH](#), [Wiki](#)

2



RA2
[RTD](#), [GH](#)

R2
[RTD](#), [GH](#), [Wiki](#)

RC2
[RTD](#), [GH](#), [Wiki](#)

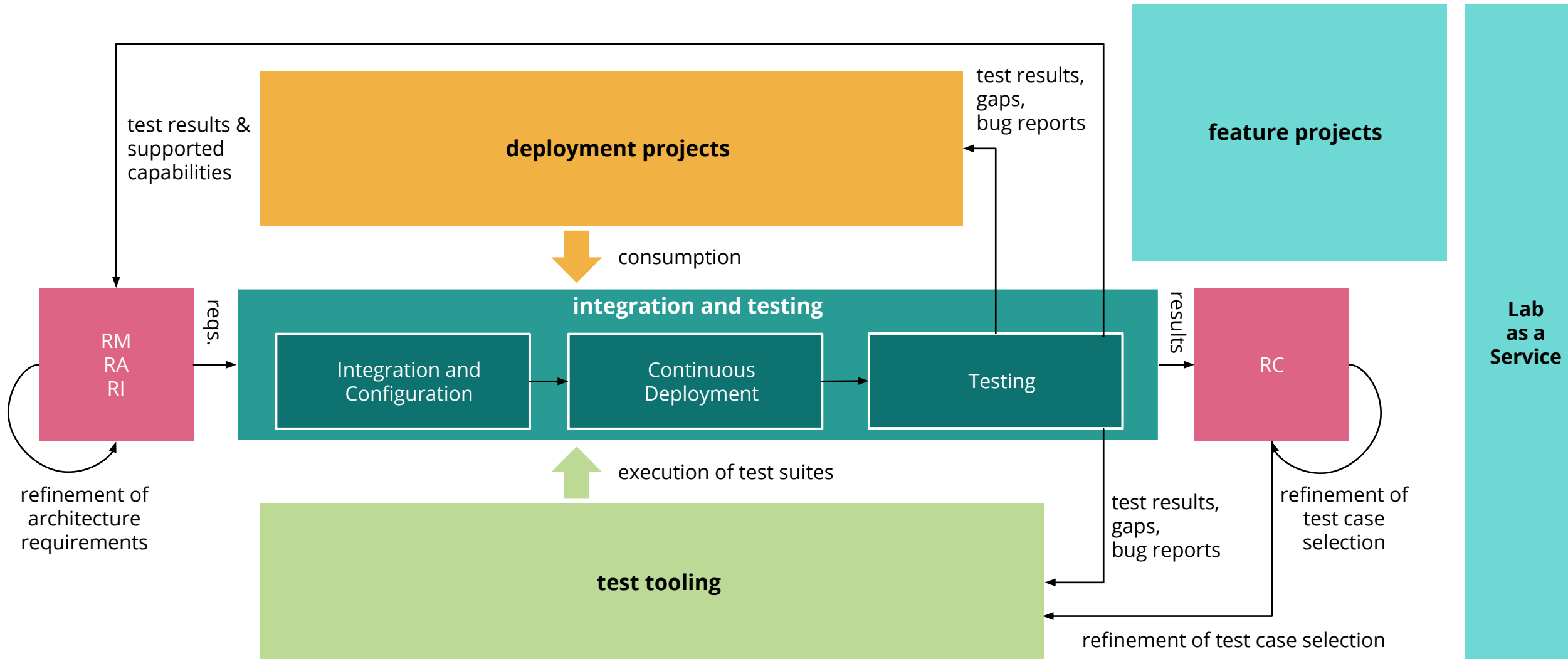
Are Specifications Sufficient?



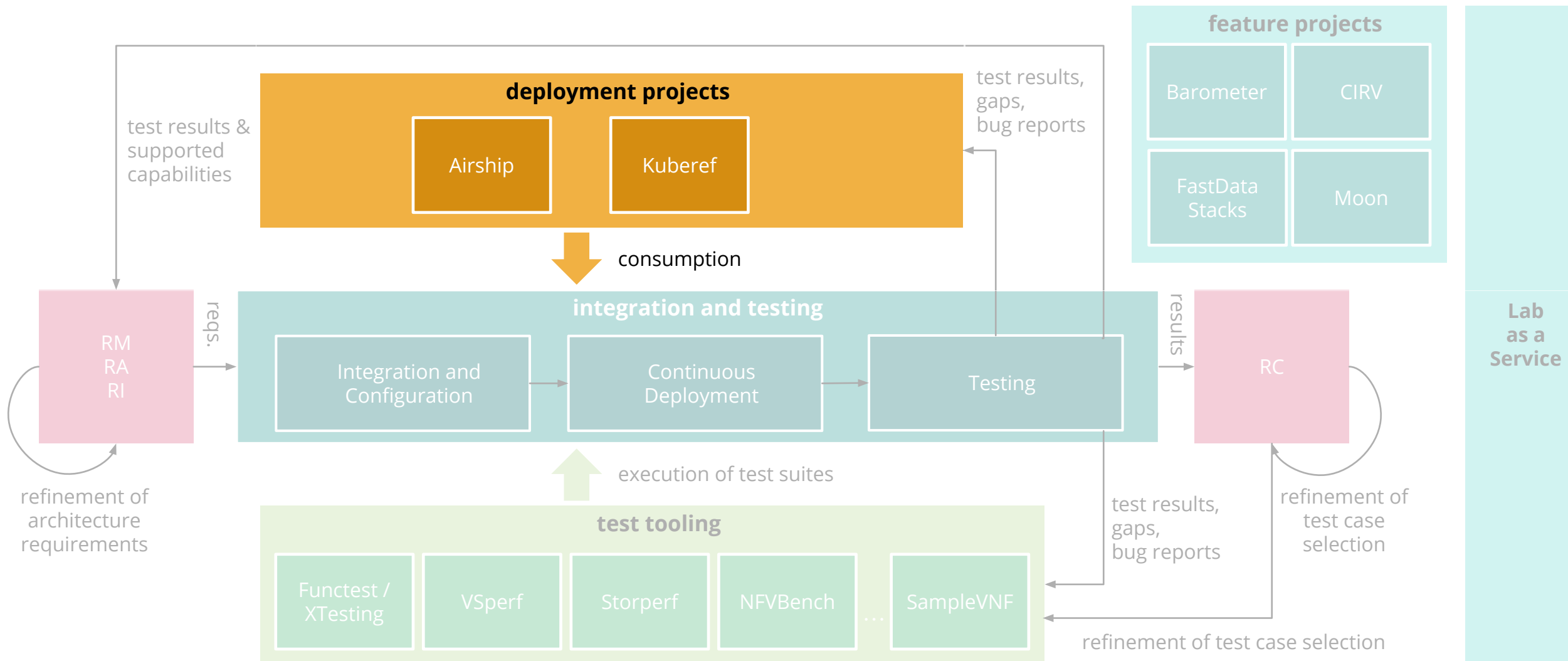
Specifications need implementations

- Integrated deployable platforms
- Test tools and test suites
- Development and lab environments

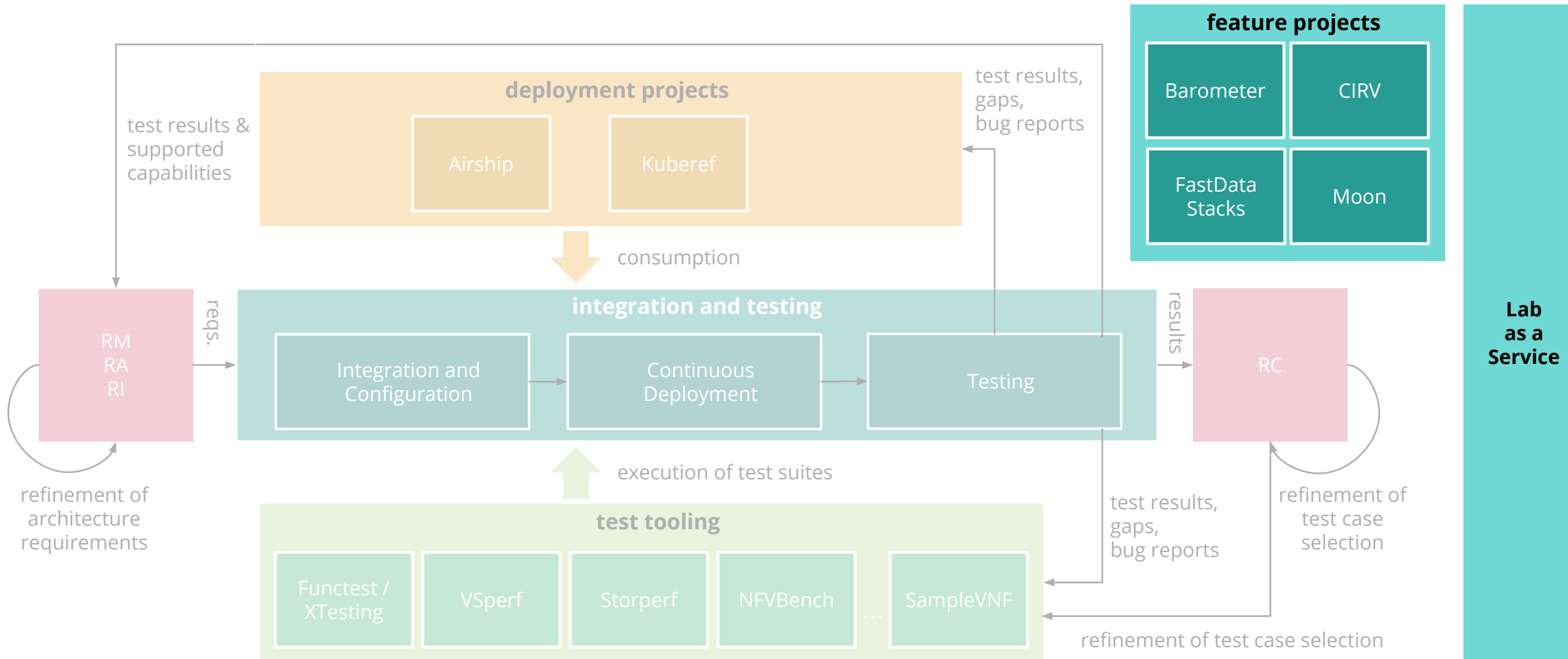
Implementation Ecosystem



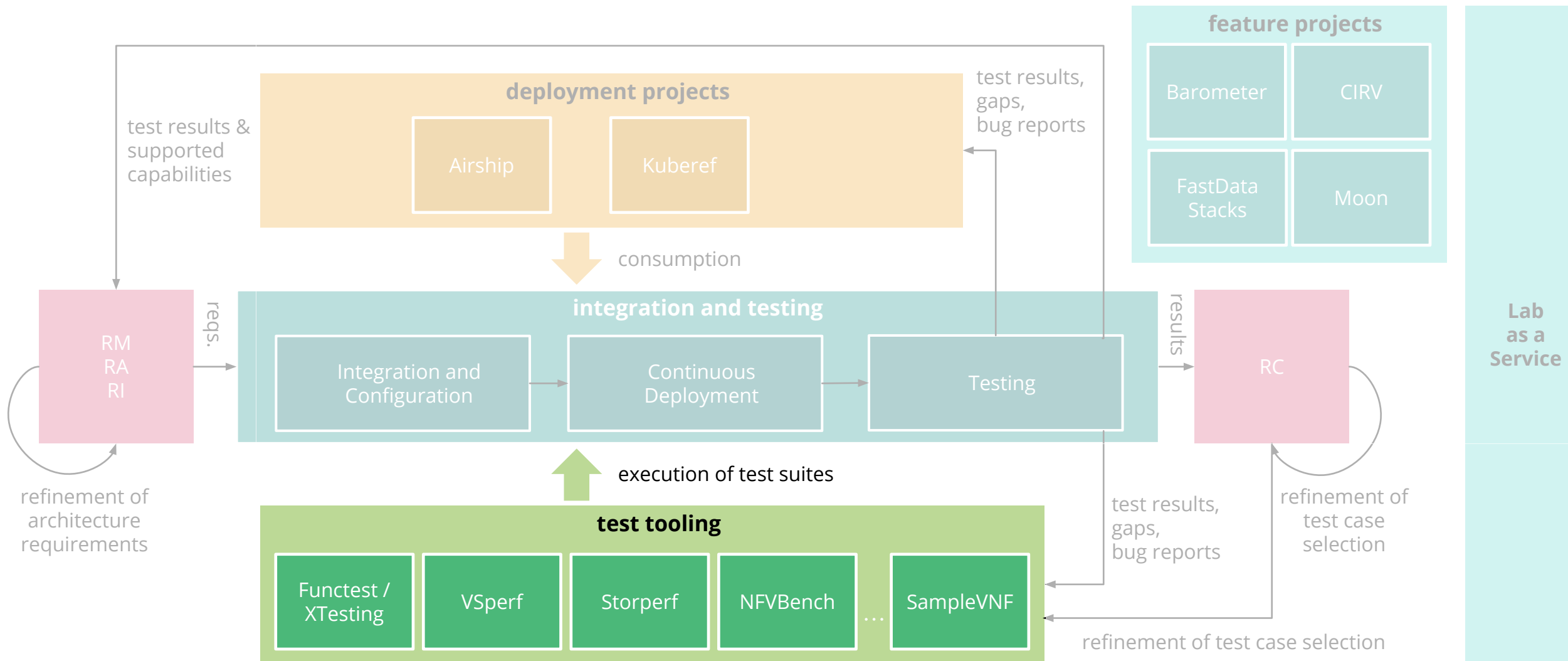
Implementation Ecosystem



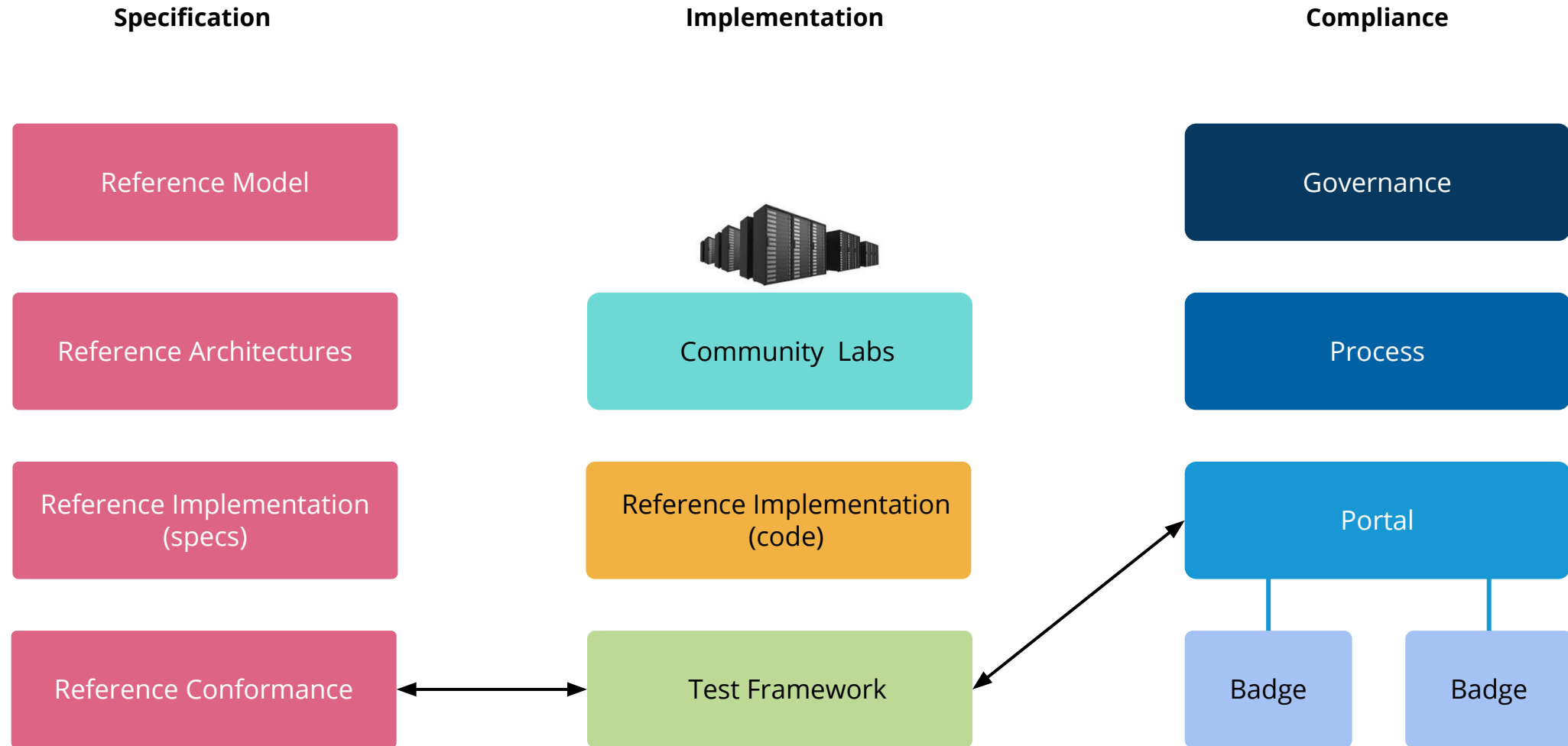
Implementation Ecosystem



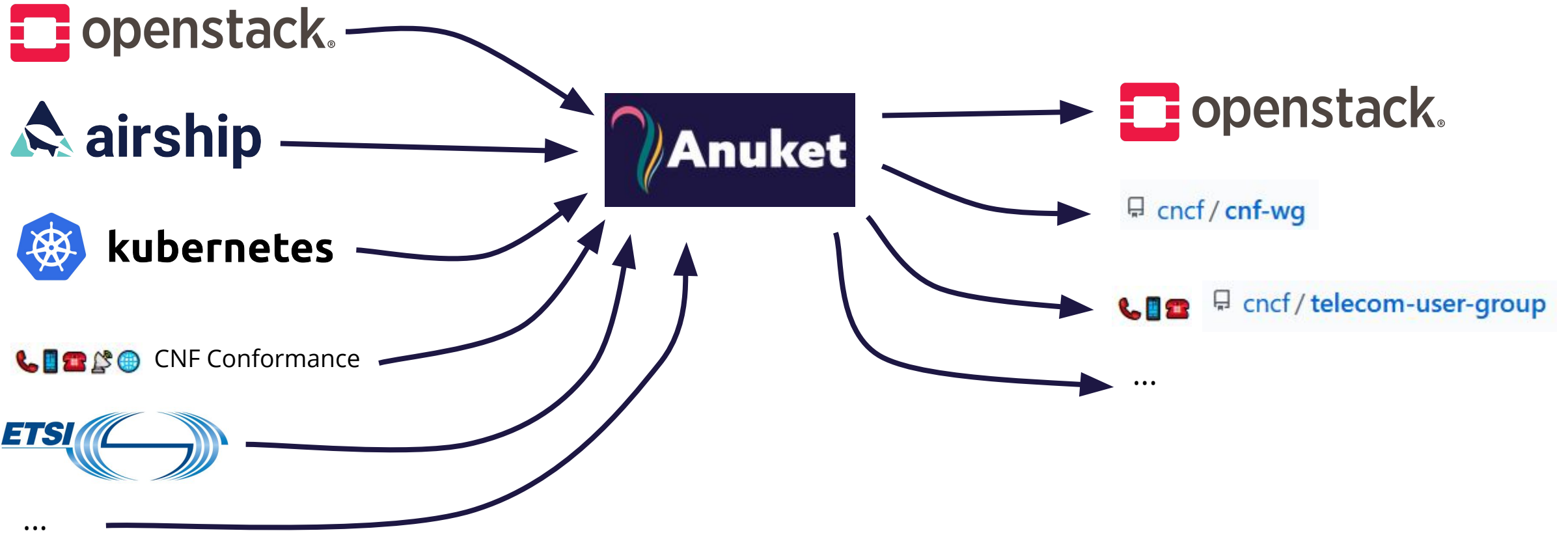
Implementation Ecosystem



Relationships



Anuket relations to other groups



References

- [Anuket Wiki](#) - all community information
- [GitHub project](#) - technical specifications, issues
- [Gerrit](#) - check out the code
- [Anuket Slack Workspace](#) - connect to people
- [LFN Developer and Testing Forum](#) - join the discussions



Anuket