

Architecture Working Group

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The Hyperledger Architecture Work Group (AWG) is a technical workgroup focused on developing an architectural framework for Enterprise class distributed ledgers, towards convergence on a modular architecture. This includes identifying common and critical components, providing a functional decomposition of an Enterprise blockchain stack into component layers and modules, regularizing interfaces between the components, and interoperability between ledgers.

The AWG serves as a cross-project forum for architects and technologists from the Hyperledger community to exchange ideas and explore alternate architectural options, discuss the tradeoffs, and capture the reasoning behind the choices. The AWG provides recommendations and architectural guidance to the projects under the Hyperledger greenhouse and encourages them towards convergence on a modular architecture. The AWG invites individual Hyperledger projects for architecture and design review to benefit from the expertise from the community as well as to shape the architectural direction of Hyperledger.

TSC Quarterly Updates

- [March 2018](#)
- [June 2018](#)
- [September 2018](#)
- [January 2019](#)

[New TSC Working Group Update](#)

Charter

Please see [Charter](#) for the full text of the charter.

Scope

The scope is technical and focused on architecture of Enterprise blockchains. For the most part the focus is on the functional (“the what”) aspects of the components, leaving design and implementation (“the how”) to the individual projects.

Meetings

All Hyperledger meetings are run covered by the following [Antitrust Policy](#).



Teleconference bi-weekly on Wed. 9 AM Pacific alternating with Identity-WG meetings. See the [Calendar of Public Meetings](#) for the next meeting and dial in details.

Meeting Agendas

[All Meeting Agendas](#)

Meeting Notes

- [2019-09-20](#)
- [2019-08-28](#)
- [2019-08-14](#)
- [2019-07-03](#)
- [2019-06-19](#)

[All Meeting Notes](#)

Links to Ongoing Work

- [Ledger System Identities](#)
- [Privacy & Confidentiality](#)
- [Interoperability](#)

Other Links

- [Arch WG Working Document](#)
- [Arch Paper: Volume 1 - Design Philosophy & Consensus - Published](#)
- [Arch Paper: Volume 2 - Smart Contracts](#)
- [Arch WG meeting minutes](#)

How to Get Involved

The [Links to Ongoing Work](#) shows the work products that currently need some input.

Communication Channels

These are the mechanisms that this working group uses to communicate.

Mailing List

architecture-wg@lists.hyperledger.org

- [Subscribe](#)
- [Archives](#)

Chat Channel

[#architecture-wg](#)

Links to Completed Work

- [Hyperledger Architecture Volume 1 - Design Philosophy & Consensus](#)
- [Hyperledger Architecture Volume 2 - Smart Contracts](#)

- [notes from the Privacy/Confidentiality Track](#)
- [Meeting Recordings](#)

Active Members

Name	Company
Ram Jagadeesan	Cisco
Mic Bowman	Intel
Binh Nguyen	State Street
Hart Montgomery	Fujitsu
Stan Liberman	CME Group
Murali Krishna	DTCC
Vipin Bharathan	dlt.nyc
Alexander Yakovlev	NSD.RU
Todd Little	Oracle
Nathan George	Sovrin
Clive Boulton	CertifiedTrue
Tracy Kuhrt	The Linux Foundation

Recent space activity

[Vipin Bharathan](#)

2019-09-20 created Sep 20, 2019



[Mic Bowman](#)

[Architecture Working Group](#) updated Sep 20, 2019 • [view change](#)



[Ram Jagadeesan](#)

2019-08-28 updated Aug 28, 2019 • [view change](#)

2019-08-14 updated Aug 14, 2019 • [view change](#)



[STAN HEISTER](#)

[Architecture Working Group](#) commented Jul 24, 2019

Space contributors

- [Vipin Bharathan](#) (3 days ago)
- [Mic Bowman](#) (3 days ago)
- [Ram Jagadeesan](#) (25 days ago)
- [Hart Montgomery](#) (180 days ago)
- [Stanislav Liberman](#) (194 days ago)
- ...