Architecture Working Group

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.

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

- 2020-08-25
- 2020-08-12
- 2020-07-29
- 2020-07-15
- 2020-07-01

All Meeting Notes

Links to Ongoing Work

- Ledger System Identities
- Privacy & Confidentiality
- Interoperability

Links to Completed Work

- Hyperledger Architecture Volume 1 - Design Philosophy & Consensus
- Hyperledger Architecture Volume 2 - Smart Contracts

Other Links

- Arch WG Working Document
- Arch Paper: Volume 1 - Design Philosophy & Consensus - Published
- Arch Paper: Volume 2 - Smart Contracts
- Arch WG meeting minutes
Active Members

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<thead>
<tr>
<th>Name</th>
<th>Company</th>
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<tbody>
<tr>
<td>Ram Jagadeesan</td>
<td>Cisco</td>
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<tr>
<td>Mic Bowman</td>
<td>Intel</td>
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<td>Binh Nguyen</td>
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<td>Vipin Bharathan</td>
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<td>Alexander Yakovlev</td>
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<td>Tracy Kuhrt</td>
<td>The Linux Foundation</td>
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Recent space activity

- Clive Boulton
  - 2020-08-25 updated Sep 01, 2020 • view change
  - Meeting Notes commented Aug 26, 2020
  - Meeting Notes updated Aug 26, 2020 • view change
  - 2020-08-12 created Aug 12, 2020
  - 2020-07-29 created Aug 03, 2020

Space contributors

- Clive Boulton (2 days ago)
- Vipin Bharathan (48 days ago)
- Ram Jagadeesan (76 days ago)
- Tracy Kuhrt (257 days ago)
- Mic Bowman (264 days ago)
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