



Hyperledger Avalon

Project	
Status	INCUBATION
CII Badge	
Description	Hyperledger Avalon enables privacy in blockchain transactions, moving intensive processing from a main blockchain to improve scalability and latency, and to support attested Oracles

Key Characteristics

- Hyperledger Avalon leverages the existence of a distributed ledger to:
 - Maintain a registry of the trusted workers (including their attestation info)
 - Provide a mechanism for submitting work orders from a client(s) to a worker
 - Preserve a log of work order receipts and acknowledgments
- Hyperledger Avalon uses the *Off-Chain Trusted Compute Specification* defined by Enterprise Ethereum Alliance (EEA) Task Force as a starting point to apply a consistent and compatible approach to all supported blockchains

Documentation

- <https://github.com/hyperledger-labs/trusted-compute-framework/tree/master/docs>

Project Management

- Bug tracking to be enabled at <https://jira.hyperledger.org/secure/Dashboard.jspa>

Repositories

- <https://github.com/hyperledger/avalon>

Communication

Mailing List

- avalon@lists.hyperledger.org
 - [subscribe](#)
 - [messages](#)

Chat (for questions and ephemeral discussions)

- [#avalon](#)

Meeting

- Developer Community Meeting is held biweekly on Tuesdays starting 2019-10-29. Timings for different timezones :
 - PST(UTC-7:00) 07:30 am
 - EST(UTC-4:00) 10:30 am
 - IST(UTC+5:30) 08:00 pm
 - CST(UTC+8:00) 10:30 pm
 - CET(UTC+2:00) 04:30 pm
 - No meeting 2019-12-31. Next meeting 2020-01-14

History

- 2018-06-26 Incubation status initiated for *Hyperledger Trusted Compute Framework* with approval of the Hyperledger Technical Steering Committee and creation of a Hyperledger Labs repository
- 2018-10-03 [Renamed Hyperledger Avalon and entered full-fledged active status](#)

Complete these tasks to get started

- Configure the sidebar - remove the "Pages", "Blog", and "Space Shortcuts" sections by clicking on the '-' sign next to them until they appear as a '+' sign. Then save the changes.
- Create a Meeting Agendas and Notes page - Click the Create button in the header to get started
- Brand your Space - Click Configure Sidebar in the left panel to update space details and logo
- Set permissions - Click Space Tools in the left sidebar to update permissions and give others access (usually the only change here is to click the View option for Anonymous users)
- Label the page appropriately - For a project space, label this page `project-home`. For a workgroup space, label this `wg-home`. For a SIG space, label this `SIG-home`.

Recent space activity



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[Rajeev Ranjan](#)

2021-01-28 [Graphene hands-on with and without Avalon](#) created Jan 29, 2021



[Pankaj Goyal](#)

2020-12-17 [_KME_Replication_Architecture](#) by Eugene updated Dec 17, 2020 • [view change](#)

[Dan Anderson](#)

2019-12-03 [Avalon Introduction](#) commented Dec 14, 2020

Space contributors

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- [David Huseby](#) (210 days ago)
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