Hyperledger Composer is a set of collaboration tools for building blockchain business networks that make it simple and fast for business owners and developers to create smart contracts and blockchain applications to solve business problems. Built with JavaScript, leveraging modern tools including node.js, npm, CLI and popular editors, Composer offers business-centric abstractions as well as sample apps with easy to test devops processes to create robust blockchain solutions that drive alignment across business requirements with technical development.

Key Characteristics

- A suite of tools that allow you to
  - quickly model your business blockchain network
  - quickly generate REST APIs for interacting with your blockchain network
  - quickly generate an Angular application
  - Emphasis on business-centric vocabulary for quick solution creation
  - Supports Hyperledger Fabric

Documentation

Hyperledger Composer documentation can be found here.

Project Management

Hyperledger Composer utilizes Github Issues for tracking problems. Security issues, however, should be reported using JIRA.

Repositories

- https://github.com/hyperledger/composer
- https://github.com/hyperledger/composer-sample-networks
- https://github.com/hyperledger/composer-tools
- https://github.com/hyperledger/composer-sample-applications
- https://github.com/hyperledger/composer-sample-models
- https://github.com/hyperledger/composer-vscode-plugin
- https://github.com/hyperledger/composer-atom-plugin
- https://github.com/hyperledger/composer-knowledge-wiki

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Communication

Mailing List

- composer

Chat (for questions and ephemeral discussions)

- #composer - General usage questions
- #composer-contributors - Contributor discussions
- #composer-ci - Bot channel reporting on continuous integration results
- #composer-quality - Quality assurance and weekly verification test discussions

Meeting

Hyperledger Composer community meets on a weekly basis. See the Community Calendar for specific details.

History

Proposed by Simon Stone and Kathryn Harrison, IBM and Cong Tang, Oxchains

Approved by the TSC on 2017-03-30

Recent space activity

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Space contributors

- Ry Jones (17 days ago)
- David Huseby (246 days ago)
- Tracy Kuhrt (458 days ago)