Hyperledger Explorer

<table>
<thead>
<tr>
<th>Project</th>
<th><img src="image.png" alt="Hyperledger Explorer Logo" /></th>
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<tbody>
<tr>
<td>Status</td>
<td>INCUBATION</td>
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<tr>
<td>CII Badge</td>
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<tr>
<td>Description</td>
<td>Blockchain Web UI</td>
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Hyperledger Explorer aims to create a user friendly web application for Hyperledger to view/query blocks, transactions and associated data, network information (name, status, list of nodes), chain codes/transaction families (view/invoke/deploy/query) and any other relevant information stored in the ledger.

(Click above thumbnail to navigate to YouTube video introducing Hyperledger Explorer project at Blockchain Tech Fest 2020)

Key Characteristics

- Hyperledger Explorer supports the following blockchain platforms:
  - Hyperledger Fabric
  - Hyperledger Iroha (Alpha release yet)
- For Hyperledger Fabric, Hyperledger Explorer supports the features:
  - Admin credential can be retrieved from Fabric CA if you have
  - Can manage additional users via User management function
  - Support mTLS connection to Fabric network
  - Can enable HTTPS on website
- Container image is available

Documentation

You can refer the latest document on ReadTheDocs. And the original project proposal is available as a Google Doc too.

Project Management

- JIRA Dashboard
- Azure Pipeline

How to get involved

New to Hyperledger? You'll need a Linux Foundation ID (LFID) to edit our wiki pages and chat on Hyperledger channels. Here's how to get your LFID.

This is an open group and anyone is welcomed to get involved. Good steps to take to contribute are:

- Subscribe and Join the Hyperledger Explorer Mailing List. You may be prompted to create a log in account since it's not connected to your LF ID.
- Join the Hyperledger Explorer Chat and start a conversation.
- Join the Hyperledger Explorer Biweekly contributors meeting.
- Clone the repository and try it using on your fabric network.
Repositories

- GitHub
- Docker (explorer / explorer-db)

Communication

Mailing List

- explorer

Chat (for questions and ephemeral discussions)

- #hyperledger-explorer - General usage questions
- #hlexplorer-developers - Contributor discussions

Meeting

- Biweekly Contributors Meeting

History

- Proposed by Christopher Ferris (IBM), Dan Middleton (Intel) and Pardha Vishnumolakala (DTCC)
- Approved by the TSC on August 11, 2016

Recent space activity

- Atsushi Neki
  Hyperledger Explorer updated Dec 03, 2020 • view change
  Contributor Meetings updated Nov 12, 2020 • view change

- Nik Frunza
  Hyperledger Explorer updated Nov 20, 2019 • view change
  Repos commented Nov 20, 2019
  Repos updated Nov 20, 2019 • view change

Space contributors

- Atsushi Neki (244 days ago)
- Nik Frunza (622 days ago)
- David Huseby (802 days ago)
- Ry Jones (809 days ago)
- Vinita Chinoy (888 days ago)
- ...