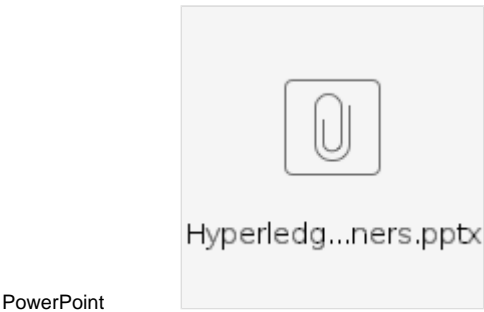


Hyperledger Labs

Current Projects

Starter Kit for HL Learners	E-Thaler	BAF	BIF	Avalon SDK Python	Besu Operator	Blockchain Verifier	Business Partner Agent	Byzantine-Config	Citizens Pulse	Convector Framework	Easy Doser	Fabex
Hyperledger Fabric Block Archiving	Hyperledger Fabric Haskell Chaincode	Hyperledger Fabric Private Chaincode	Hyperledger Fabric WebAssembly chaincode	Keyhole Fabric API Gateway	blockchain-carbon-accounting	MinBFT	Minifabric	Modern Pharmacy Management	Nephos	Perun	Pluggable Hedera Consensus Service	Private Data Objects
Trusted Compute Framework	Umbra	University Course Fabric	Dancap	fabric-server-node	private-transaction-families	solang	xcsi					

Starter Kit for Hyperledger Learners:



PowerPoint



Demo
<https://hltool.knowledgesociety.tech>

Hyperledger can help build communities by gathering people sharing a common interest in developing blockchain related software.

However, the only way to currently do so is to submit a HIP and launch a formal project in Incubation. This is a relatively heavy process which implies a level of endorsement by Hyperledger that is not suitable for cases where projects **are immature from a code-complete, production-quality, or community building perspective, or experimental.**

hyperledger-labs.github.io

Fork to get Started

LMDWG Sponsors Hyperledger Starter Kit for demoing POC's .

<https://github.com/ravinayag/HL-StarterKit>

Testers			
Name	Email	Test Task	Test Results
Ravi	ravinayag@gmail.com	fabric1.4 & 2.2, Single host, Docerswarm, Kubernetes deployment	PASSED
		Multichannel creation and chain code deployment on different channels	
		Test Caliper	
Bobbi	bobbi@ledgeracademy.com	Test Besu, Sawtooth, Explorer, Pre- Requisite emailer	IN PROGRESS
		Fabric	

1. Steps for Testers:
Open the Starter Kit: <https://hltool.knowledgesociety.tech/>
2. Follow Login Instructions: un: term, pw: term123
3. Starter Kit for Hyperledger Learners:



PowerPoint

Unknown macro: 'lref-gdrive-file'

Demo

<https://hltool.knowledgesociety.tech>

Hyperledger can help build communities by gathering people sharing a common interest in developing blockchain related software.

However, the only way to currently do so is to submit a HIP and launch a formal project in Incubation. This is a relatively heavy process which implies a level of endorsement by Hyperledger that is not suitable for cases where projects **are immature from a code-complete, production-quality, or community building perspective, or experimental.**

hyperledger-labs.github.io

Fork to get Started

Would like to contribute..?

--Join us

Current Projects

Issue: Getting Starter Kit into Labs	Issue	Status	
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<p>Motivation</p> <p>Labs will</p> <p>1) lower the pressure on the TSC to start new projects</p> <p>2) allow for work to be done within a legal framework that eases the transition to a project in Incubation in cases where this ends up being the chosen path for the lab.</p> <p>In particular, this includes enforcement of the use of the Apache Software License and sign-offs on all contributions.</p> <p>This new space will allow teams to experiment with new frameworks or new modules without the promise of stable code or MVP. It is a space suitable for innovation and testing of ideas.</p>	<p>This new space will allow teams to experiment with new frameworks or new modules without the promise of stable code or MVP.</p> <p>It is a space suitable for innovation and testing of ideas.</p> <p>--- ANS: Im working on a test to ensure the code is stable before the push to lab repository.</p>		
<h2>Proposals</h2> <p>To submit a new proposal, please follow the process outlined at Hyperledger Labs. The lab proposal must meet the following:</p>			
<p>1. The scope of the proposed lab fits within Hyperledger's mission;</p>			
<p>1. The proposed name is appropriate (e.g., not too generic, confusing, or conflicting with other labs or projects, etc);</p>	<ul style="list-style-type: none"> • Here are my suggested Lab Names <p>Hyperledger CLI StarterKit</p> <p>Hyperledger LearnersKit</p> <p>Hyperledger Microservices kit</p>		
<p>1. Proposers have a Sponsor (i.e. a maintainer of one of the Hyperledger projects, a TSC member or a WG chair);</p>	<p>---- ANS: based on our last call, Primary sponsor would be Bobbi and Second sponsor would be Tracy</p>	<p>Sponsors do not have a responsibility beyond this; ongoing work like contributing code or reviews is not tied to their role as sponsors. In reviewing the proposal, the sponsor(s) make sure that the proposal is cogent, and novel (in conception, proposed execution, or interested community). To find sponsors</p> <p>a. the proposers can use their connections to existing projects and ask maintainers</p> <p>b. find working groups or projects with affinities to the proposed lab and pitch the project (good to have the template already filled out) in associated channels and or mailing lists.</p> <p>The WG chairs emails, the maintainers contacts etc. can be found on the wiki or github. Make personal appeals if you can.</p>	<p>Bobbi Muscara</p> <p>Sponsor / TSC committee Member</p> <p>Tracy Kuhrt</p> <p>TSC / Lab Steward</p>
<p>1. Proposers need to be active members of the Hyperledger technical community (as defined in Section 4.a.ii of the Hyperledger Charter).</p>	<ul style="list-style-type: none"> • --- ANS : I'm part of fabric contributor, India chapter, LMDWG team in Hyperledger Umbrella. Will that be considered as an active member proposer ...? 		

layout	title	parent
default	Lab Proposal Starter Kit	Labs

Lab Name

Starter Kit (Pick your experience)

Short Description

The _____ configurator tool developed under Shell scripting, for learners and developers who would like to learn Hyperledger frameworks with different Customized Configurations instantly.

Instantly you can create docker-compose templates. Product owners can leverage this tool at any point in time for prototypes.

Provide a short description of your lab. This will be used for the Github repository's description.

Scope of Lab

Enter the scope of the lab. This should include enough information to allow the Lab stewards to understand how it fits within Hyperledger's mission. Hyperledger mission: fits in how? **to allow easy of entry into Set up POC easily**

- 1, A customized Names with Domain, ORG's ,Orderer's ,Peer's and CA's
- 2, UnLimited for Orgs's, Orderers, Peers, and CA's
- 3, Unlimited Channel Names, (Privatechannel)
- 4, Toggle Between Consensus type , Versions
- 5, Test your configuration by network deployment (single hosting / docker-swarm / kubernatees)
- 6, Choice to select the Hyperledger framework and tools.
- 7, Choice to chooses the sample chaincodes for testing
- 8, Deploy custom chaincodes on your choice.

Initial Committers

Enter the Github IDs for the set of initial committers.

- https://github.com/<user_id1>
- https://github.com/<user_id2>
- ...

Sponsor

Provide the name of your sponsor. A sponsor is required and must be a maintainer of one of the Hyperledger projects, a TSC member, or a WG chair.

- https://github.com/<user_id> or Name (bobbi@LedgerAcademy.com) - Role TSC Member

Pre-existing repository

If you currently have a Github repository that you wish to transfer to the Hyperledger Labs organization, please provide a link here. **NOTE: Please refer to the README for additional information on existing repositories.**

- https://github.com/<your_repo>



Examples of possible labs: projects too early for TSC approval as an incubator because there's not a lot of code; demos; documentation examples; sample code from hackathons, research projects, etc.

Hyperledger Labs have similarities with the Apache Labs and the W3C Community Groups.

Proposals

To submit a new proposal, please follow the process outlined at [Hyperledger Labs](#). The lab proposal must meet the following:

1. The scope of the proposed lab fits within Hyperledger's mission;
2. The proposed name is appropriate (e.g., not too generic, confusing, or conflicting with other labs or projects, etc);
3. Proposers have a Sponsor (i.e. a maintainer of one of the Hyperledger projects, a TSC member or a WG chair);
4. Proposers need to be active members of the Hyperledger technical community (as defined in Section 4.a.ii of the [Hyperledger Charter](#)).

You can find all Hyperledger Lab approved proposals at <https://github.com/hyperledger-labs/hyperledger-labs.github.io/labs>. You can also look at the [pull requests](#) for all submitted proposals.

Archiving

Stewards are responsible for curating the set of labs, moving to an archives space (see below) those that become dormant or unresponsive for an extended period (6+ months), or are explicitly deemed by the committers to be deprecated/obsoleted.

Deprecated, obsoleted, or dormant labs (as defined above) will be moved to a GitHub org "hyperledger-labs-archives" that signifies that the lab is no longer maintained. Labs in the archives are read-only, and they can be moved back out of the archives, if there is interest in reviving them.

Repository

- <https://github.com/hyperledger-labs> - Github Organization

Communication

Mailing List

- labs@lists.hyperledger.org for general discussions on Hyperledger Labs ([subscribe](#) - [archives](#))