



HYPERLEDGER

BLOCKCHAIN TECHNOLOGIES FOR BUSINESS

Hyperledger Vienna Meetup #8: Applied Distributed Ledger Technology

Klaus Johannes Rusch @krusch

30 April 2019

Agenda

- Welcome & Hyperledger Update – Klaus Johannes Rusch
- Blockchain and AI: The world is flat and Blockchain is going to proof it! – Ivan Cech
- Distributed Ledger Technology in Forwarding – Ivan Cech
- Contract Scripting for Everyone: (Hyperledger) Car Registration Sample with (Secure) Ruby – Gerald Bauer
- Special guest from South Africa: Gerhard Dinhof

Hyperledger



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Hyperledger is an open source collaborative effort created to advance cross-industry blockchain technologies. It is a global collaboration including leaders in finance, banking, Internet of Things, supply chains, manufacturing and Technology. The Linux Foundation hosts Hyperledger under the foundation.

Hyperledger Goals



Where open source teams build diverse approaches
for business blockchain technology systems



**Create enterprise
grade, open source,
distributed ledger
frameworks &
code bases**

to support business
transactions



**Provide neutral,
open, & community-
driven infrastructures**

supported by technical
and business
governance



**Build technical
communities**

to develop blockchain
and shared ledger
POCs, use cases, field
trials and deployments



**Educate
the public**

about the market
opportunity for
blockchain technology



**Promote our
community of
communities**

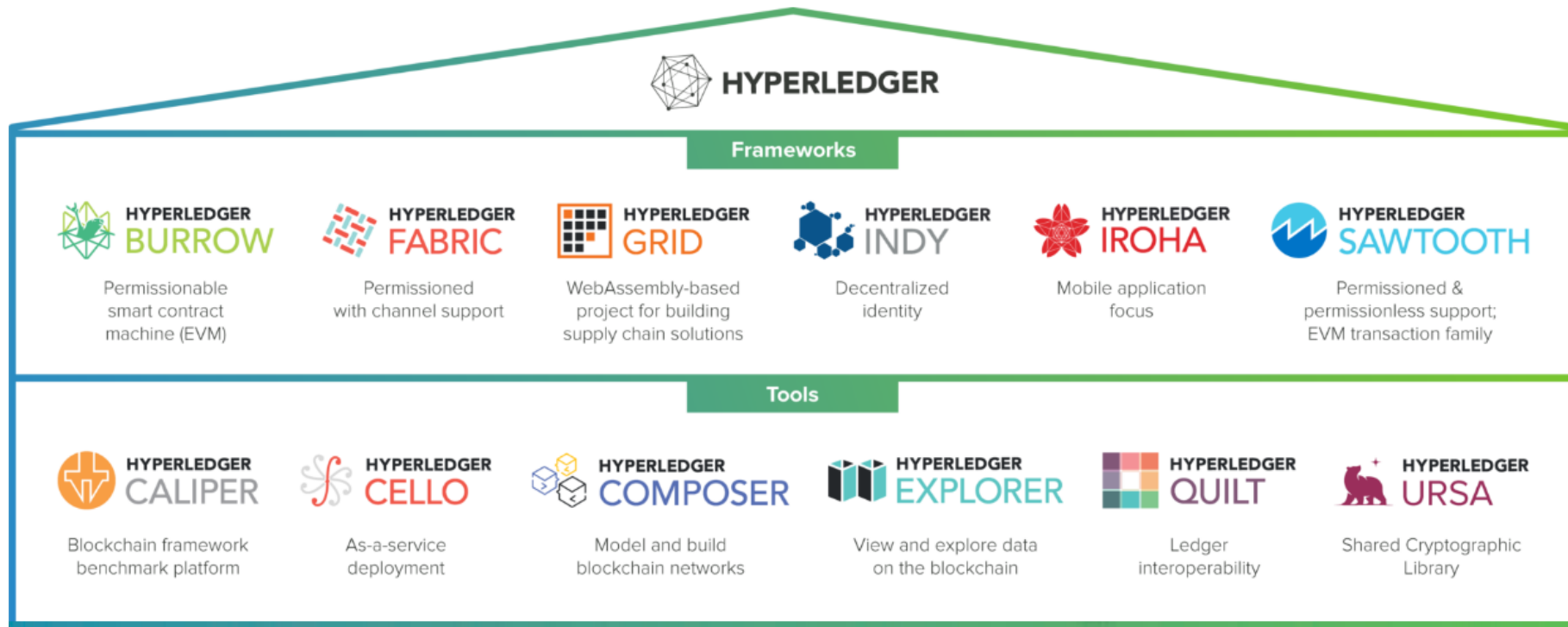
taking a toolkit
approach with many
platforms and
frameworks

The Linux Foundation®



The Linux Foundation is the organization of choice for the world's top developers and companies to build ecosystems that accelerate open technology development and commercial adoption. Together with the global technology community, The Linux Foundation is solving the world's hardest problems through open source and creating the largest shared technology investment in history. Founded in 2000, The Linux Foundation today provides tools, training and events to scale any open source project, which together deliver an economic impact not achievable by any one company.

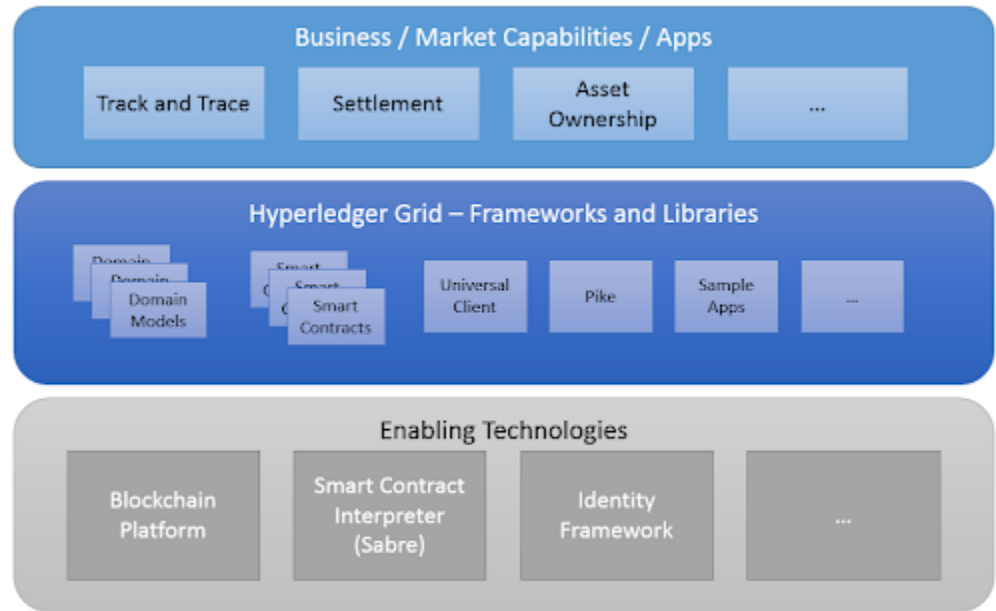
The Hyperledger Greenhouse



Hyperledger Grid

Hyperledger Grid is a project to provide a set of shared, reusable tools for building cross-industry supply chain solutions based on distributed ledger platforms.

Its goal is to simplify the development of distributed-ledger-based solutions for all types of supply chain scenarios.



Hyperledger Ursa

Hyperledger Ursa is a shared cryptographic library that would enable people (and projects) to avoid duplicating other cryptographic work and hopefully increase security in the process.

1. Base Crypto with shared modular signature library
2. Z-Mix offering a generic way to create zero-knowledge proofs

Hyperledger in the News

Hyperledger is the
“Gold Standard” for
Enterprise Blockchain

Forbes just release its very first
“Blockchain 50” list highlighting the
enterprises adopting blockchain
technologies and half of the companies are
building on a Hyperledger framework

<https://www.hyperledger.org/>
<https://www.forbes.com/sites/michaeldelcastillo/2019/04/16/blockchains-billion-dollar-babies/>

Sponsor message: The IBM Blockchain difference



Security at scale

Find out why the **IBM Blockchain Platform's** security, control, ease-of-use and multi-cloud flexibility are catalysts for radical change among blockchain disruptors everywhere.



Trusted expertise

With more than 1,500 industry and technical experts, discover why **IBM Blockchain Services** is the place to start, accelerate and innovate your blockchain network.



Network convening power

Bringing together an expansive partner community of innovators, regulators and suppliers, work with the **IBM Blockchain Ecosystem** to establish, join or run a network.

<https://www.ibm.com/blockchain>
<https://www.ibm.com/blogs/blockchain/>



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1. Call for Presentations
2. Call for Co-Owners

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