

Hyperledger Capital Markets Special Interest Group

Introduction & Call to Collaborate!



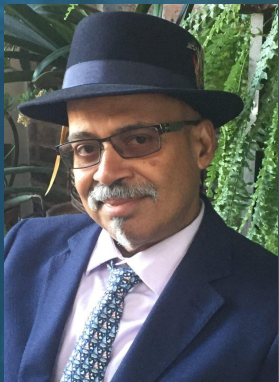
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Personal statement



- Program Manager, Product Owner
- Capital Markets Developer & lead
- Media, embedded systems, OS hacks
- Present at First Hyperledger F2F
- Independent Blockchain Worker (vip@dlt.nyc)
- Hyperledger Community Leader
- Poet

Thanks! To the Hyperledger community and Linux Foundation workers!
Thankful for the completely open ecosystem!



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Motivation

The Capital Markets Special Interest Group (CMSIG) represents industry professionals working together to study how Hyperledger DLTs interact with Capital Markets use cases.



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Capital Markets

Capital Markets are a way to connect investors and borrowers for long term provision of capital. Funds from investors are put to productive use in enterprises. Investors or lenders can be individuals or other entities. Borrowers are companies and governments.



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Lifecycle

- **Origination-Securitization-Issuance-Pretrade-Trading-Settlement-Hedging-second ary Trading-Market making-Risk Calculations-Custody-Corporate Actions-Expiry/Maturity/Bankruptcy**
- **Trading Lifecycle: Pre-Trade-Trading-Matching-Settlement**
- **Other sections**
- **Focusing on specific sections may satisfy specific enterprises**
- **Main idea is to model assets & cash. (cash being a type of asset)**
- **Assets + Identity is what is needed**



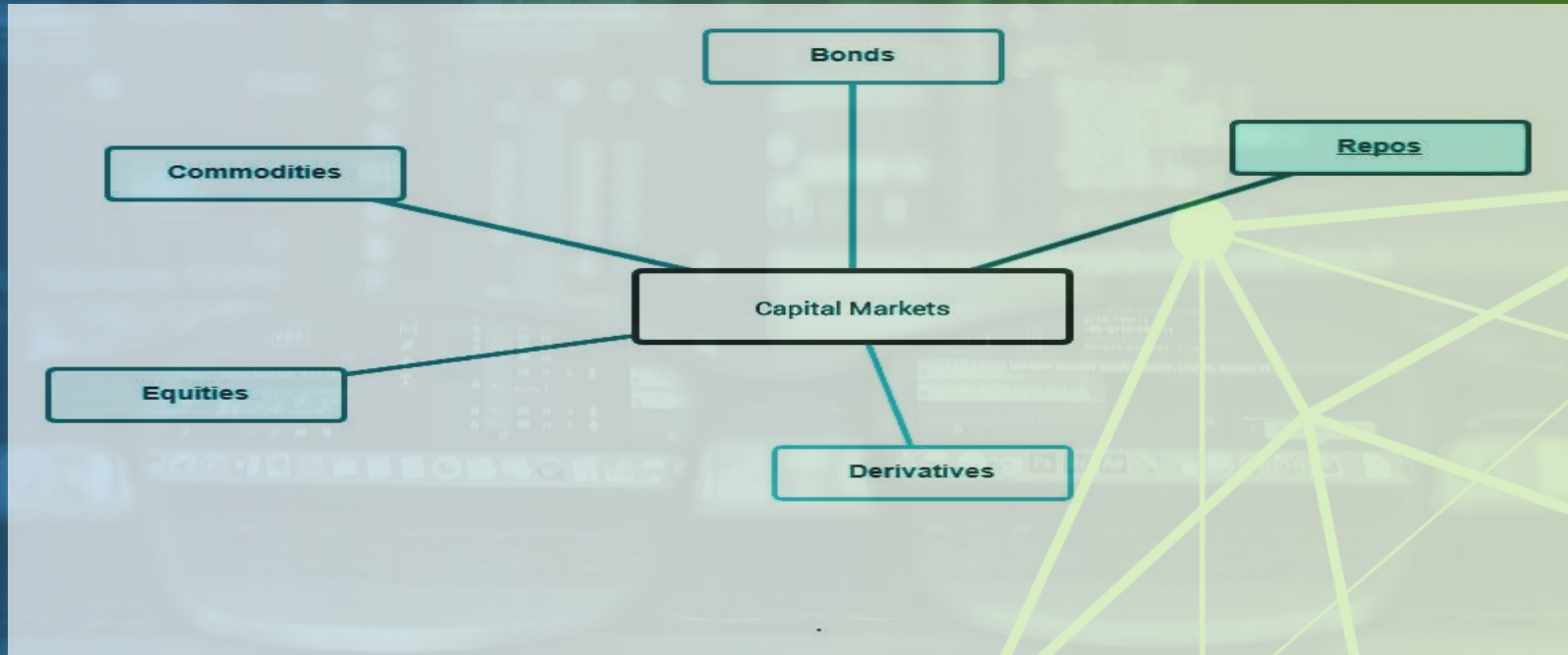
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Capital Markets Taxonomy- Instruments



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How

- Calls- Presentations
- Conferences- like this one
- Projects
- Wiki
- Github



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Projects

Taxonomy- Ontology

Standards	Regulation
Use cases	Tokenization
Obstacles	Oracles



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Token workshop

- Model a sample token using TTF and implement using Besu.
- TTF is a composable standard for tokens.
- The initial output will be a Token definition in JSON
- It will be turned into an implementation in Besu
- Using tools like Truffle and Ganache which are integrated into the Besu testnet
- The team has more than 5 volunteers from technology and business
- The output of the workshop will be housed in Hyperledger labs
- The roadmap is being developed



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Sister Projects

Trade Finance SIG

Supply chain SIG

Climate Action & Accounting SIG



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Membership by the numbers

Mailing list	91
Members list	32
Chat channels	21
Meetings	5-25



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Participate

- Meets Bi-Weekly – next on March 11th, 2020 @ 10AM Eastern Standard Time (UTC -5)
 - <https://zoom.us/my/hyperledger.community.backup>
- Chat Channel: [capital-markets-sig](#) -
- Homepage: <https://wiki.hyperledger.org/display/CMSIG/Capital+Markets+SIG>
- Mailing list capital-markets-sig@lists.hyperledger.org
- Code & Resources - <https://github.com/hyperledger/cmsig>



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References

1. Walker, Martin, Bridging the Gap between Investment Banking Architecture and Distributed Ledgers (March 22, 2017). Available at SSRN: <https://ssrn.com/abstract=2939281> or <http://dx.doi.org/10.2139/ssrn.2939281>
2. Euroclear sponsored work from Oliver Wyman on Capital Markets: [BlockChain-In-Capital-Markets\[1\].pdf](#)
3. GLEIF
4. [CDM page under Capital markets](#)



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