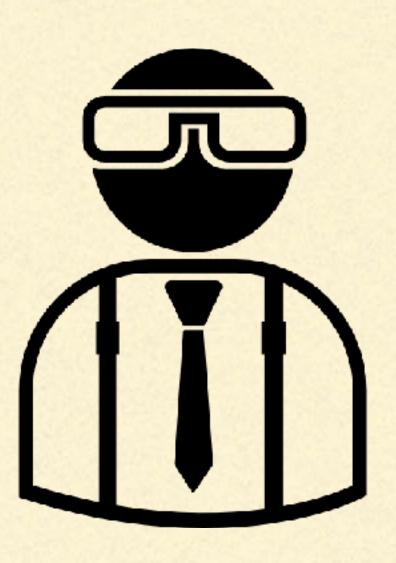
A BLOCKCHAIN FOR IPOS

The problem in today's equity market, and how we use blockchain to solve it.

Anish Malladi Kevin Yao Ph360 - Prof Anita Raja

Business Owner



Investor











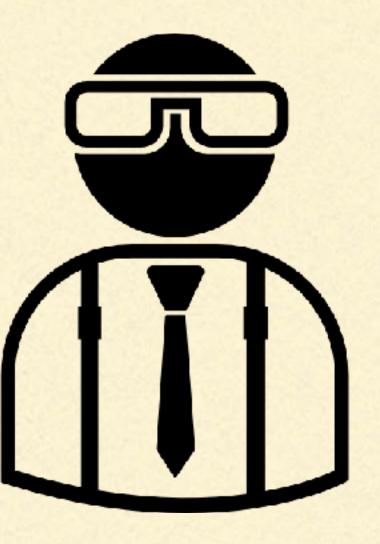








Business Owner



Investor













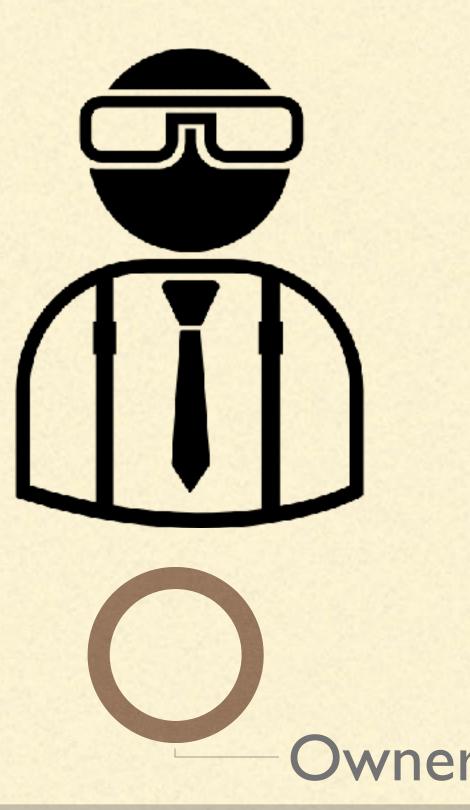


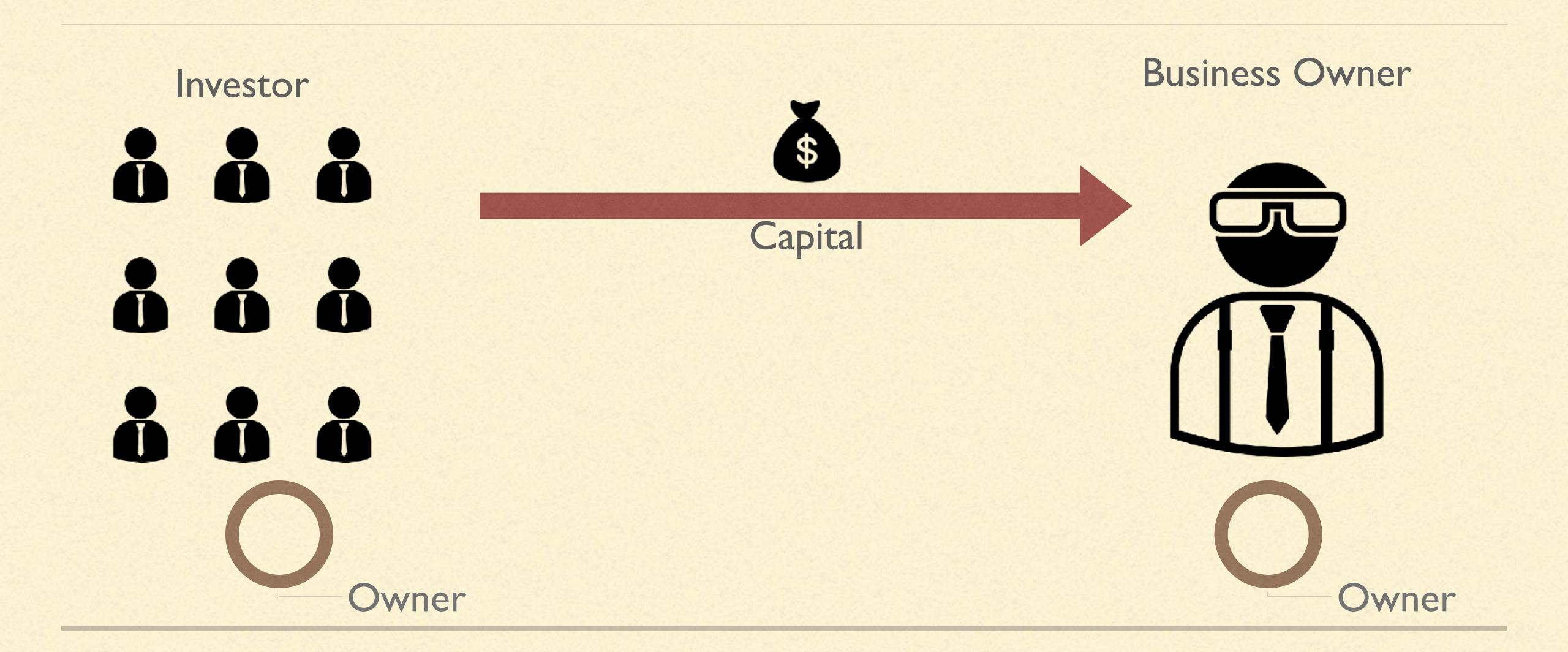


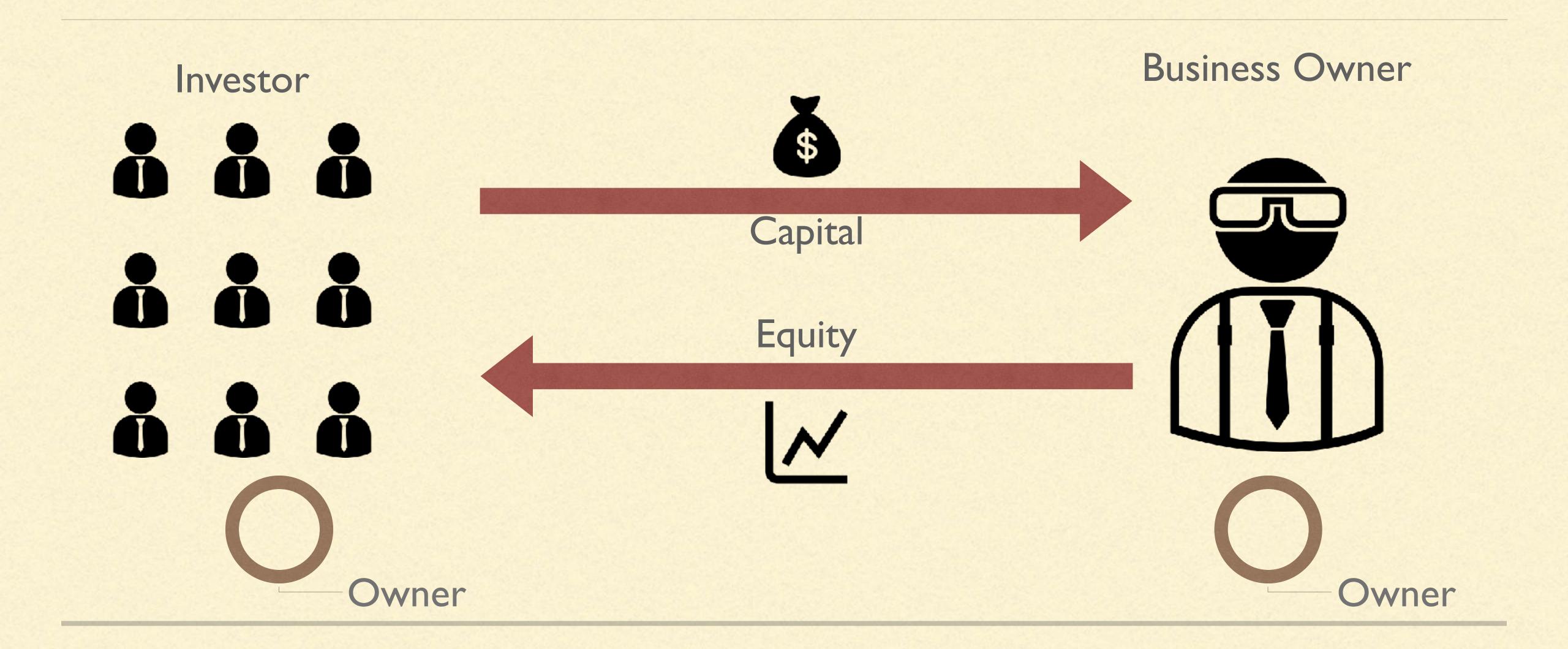


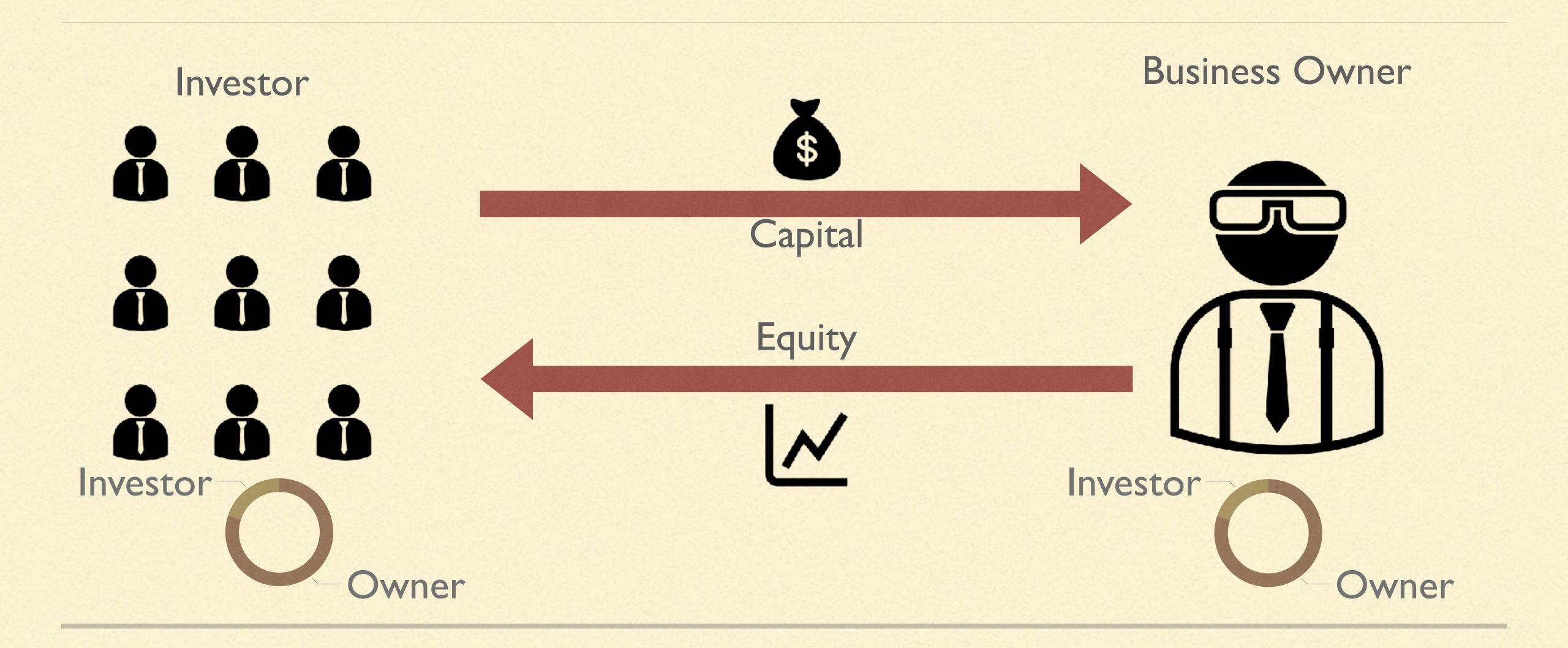


Business Owner









THE PROBLEM



Expenses as a percentage of base deal^[3]

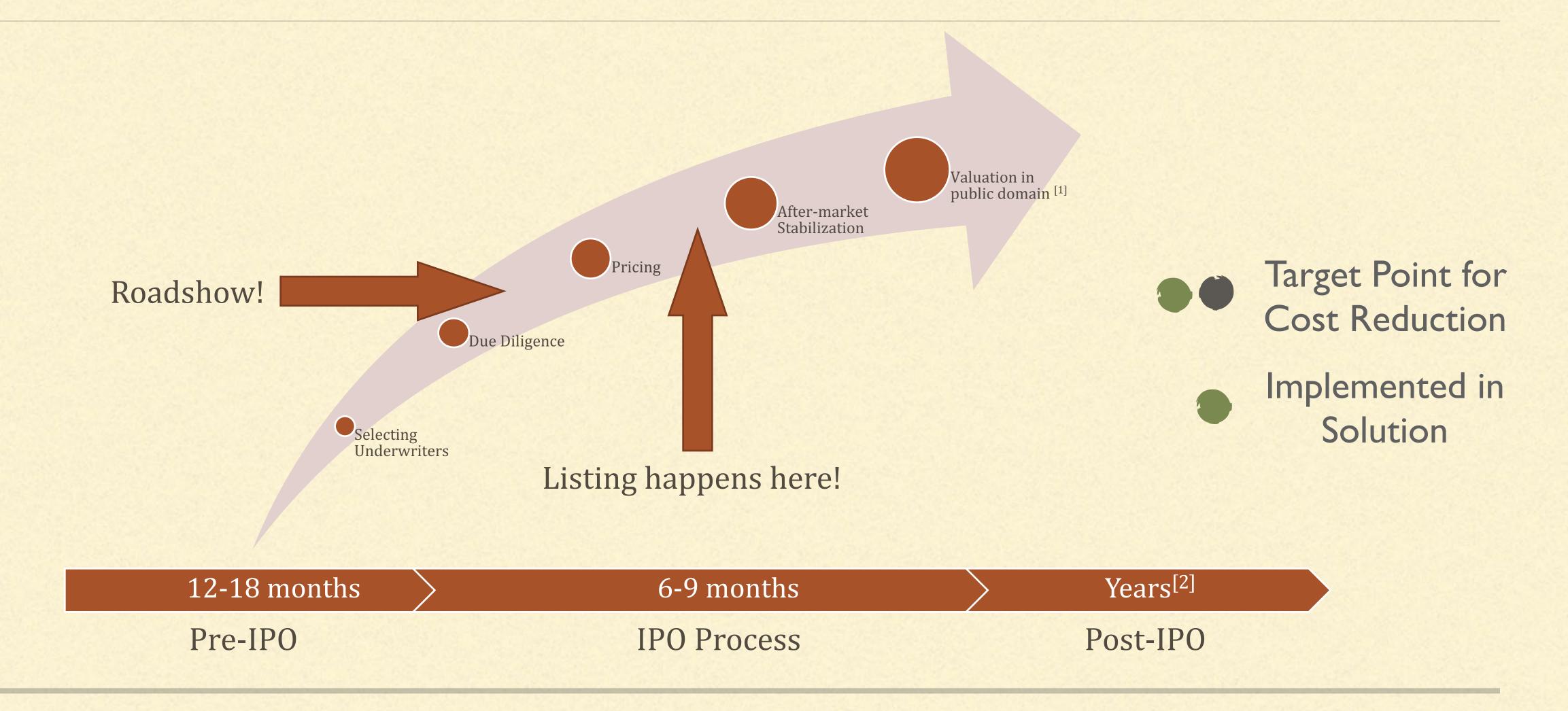


- IPOs are:
 - Expensive
 - Rely heavily on underwriter network
 - Very opaque
 - Traditional

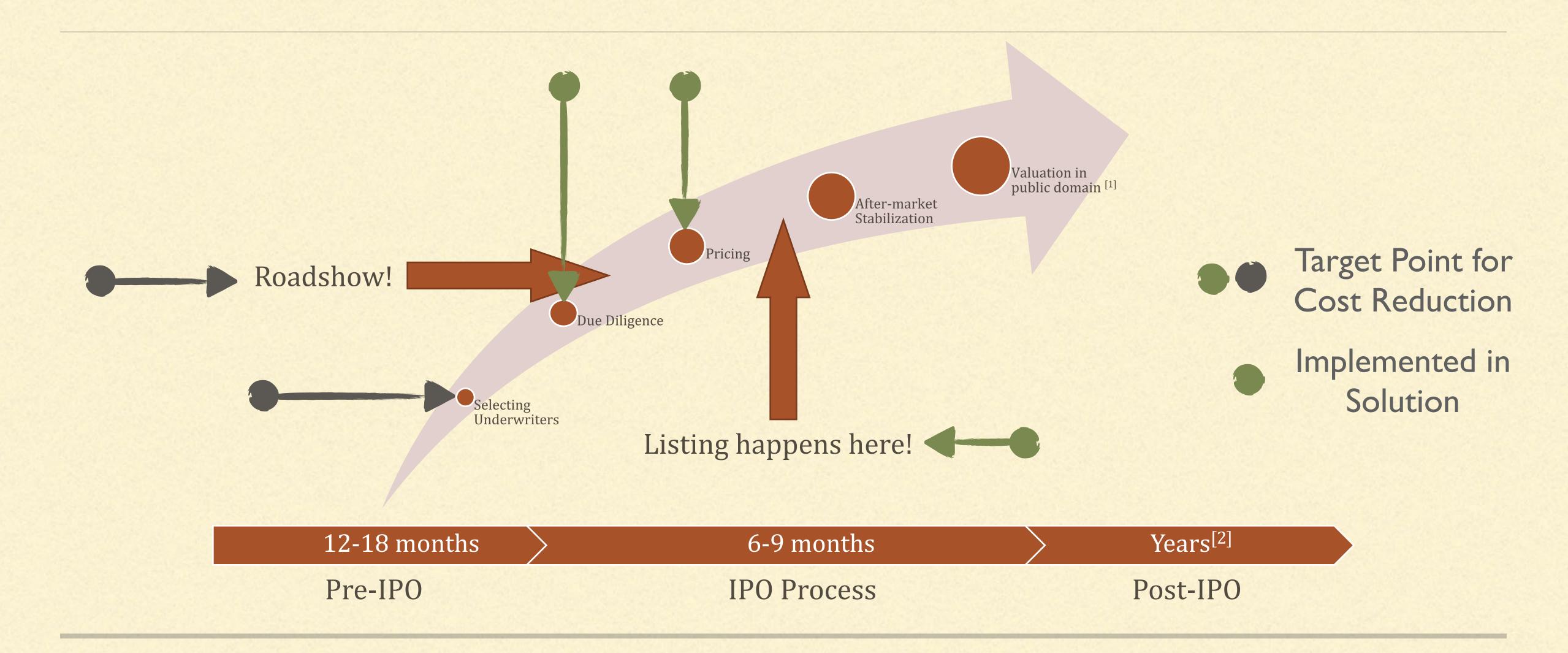
THE GOAL

Cost reduction by reducing dependency on third parties - specifically underwriters

COST REDUCTION



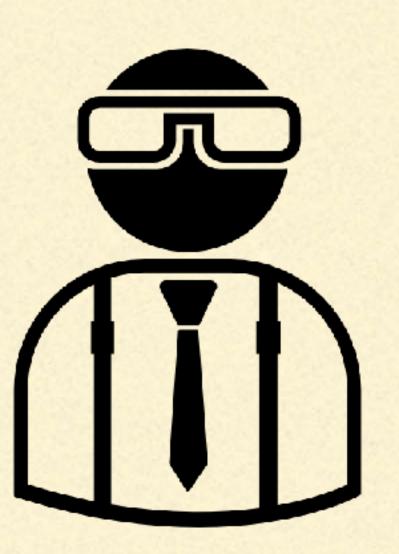
COST REDUCTION



FRAMEWORK AND METHODS

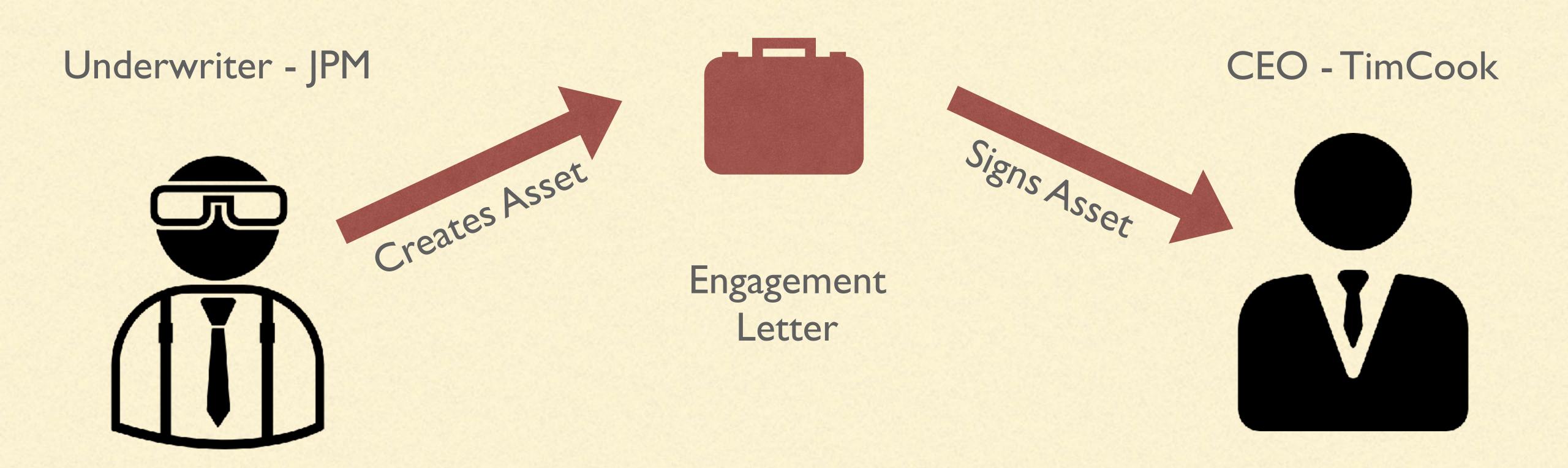
- Hyperledger!
- Testing in playground on a local server
- composer-rest-server for REST API
- Implementation divided between "lifecycle" and "auction"

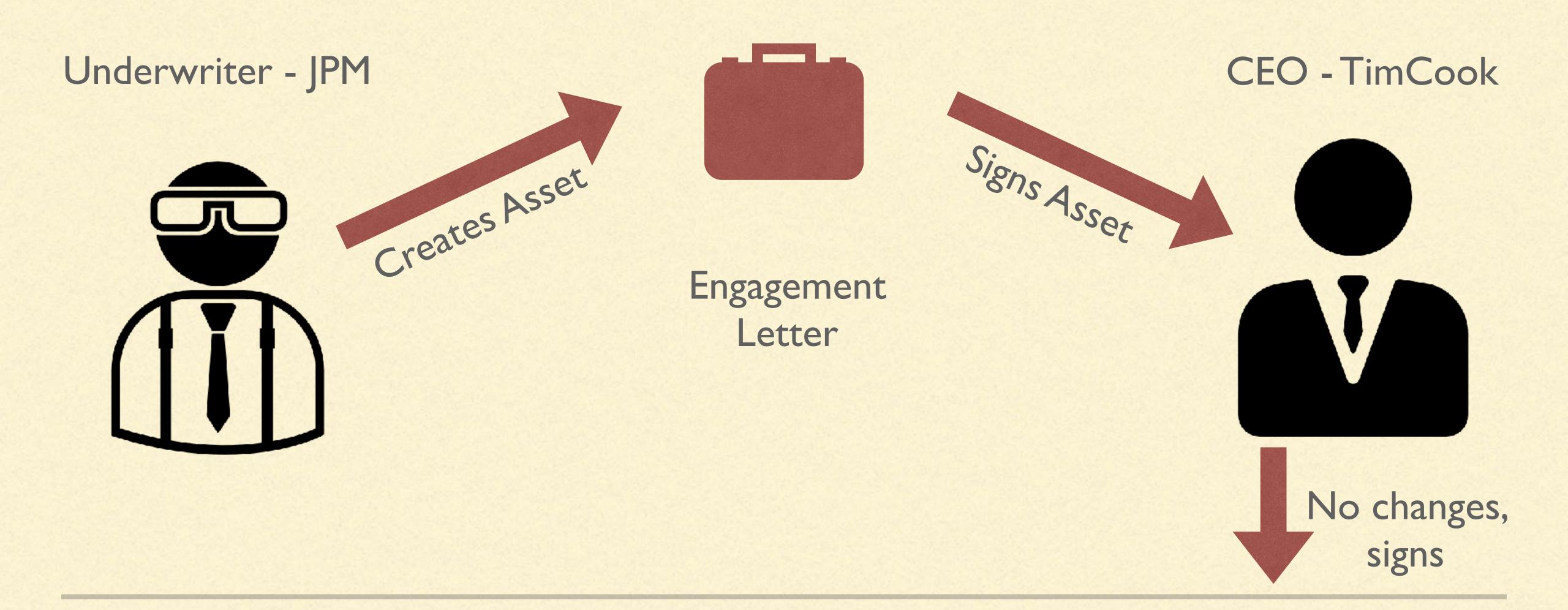
Underwriter - JPM

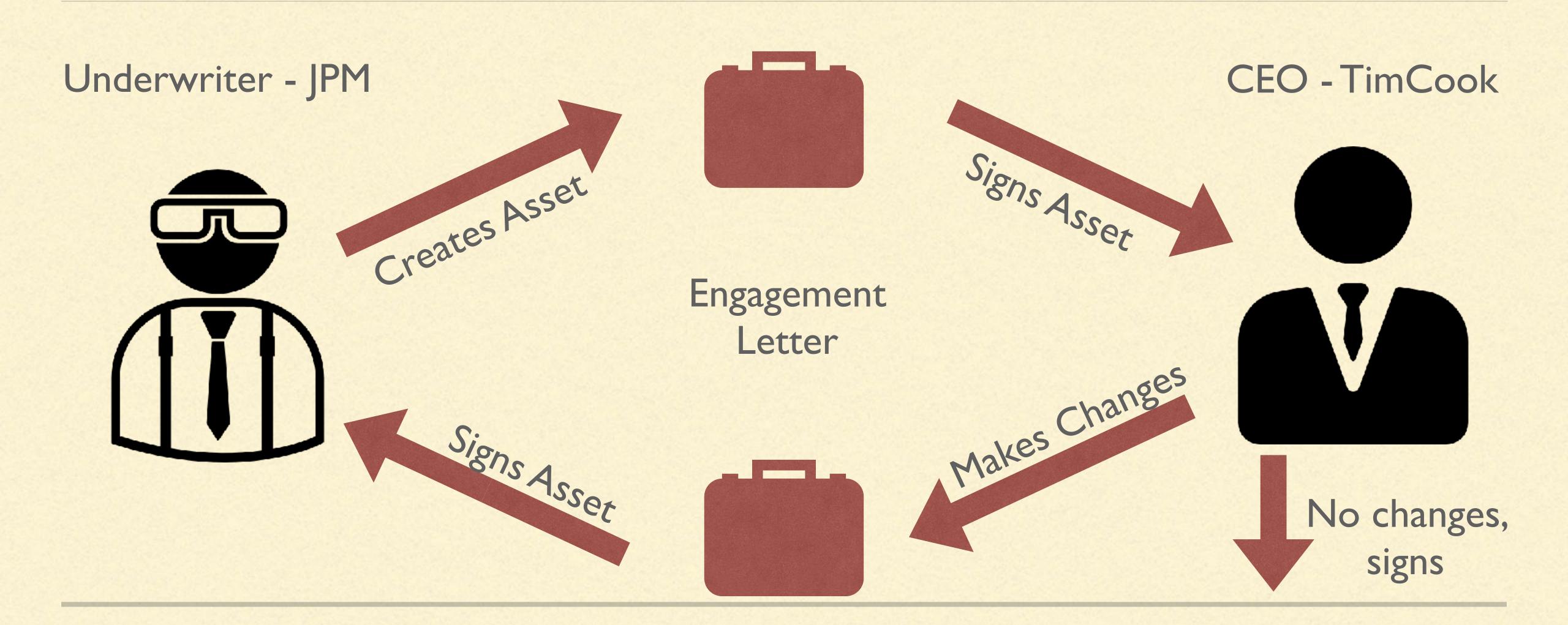


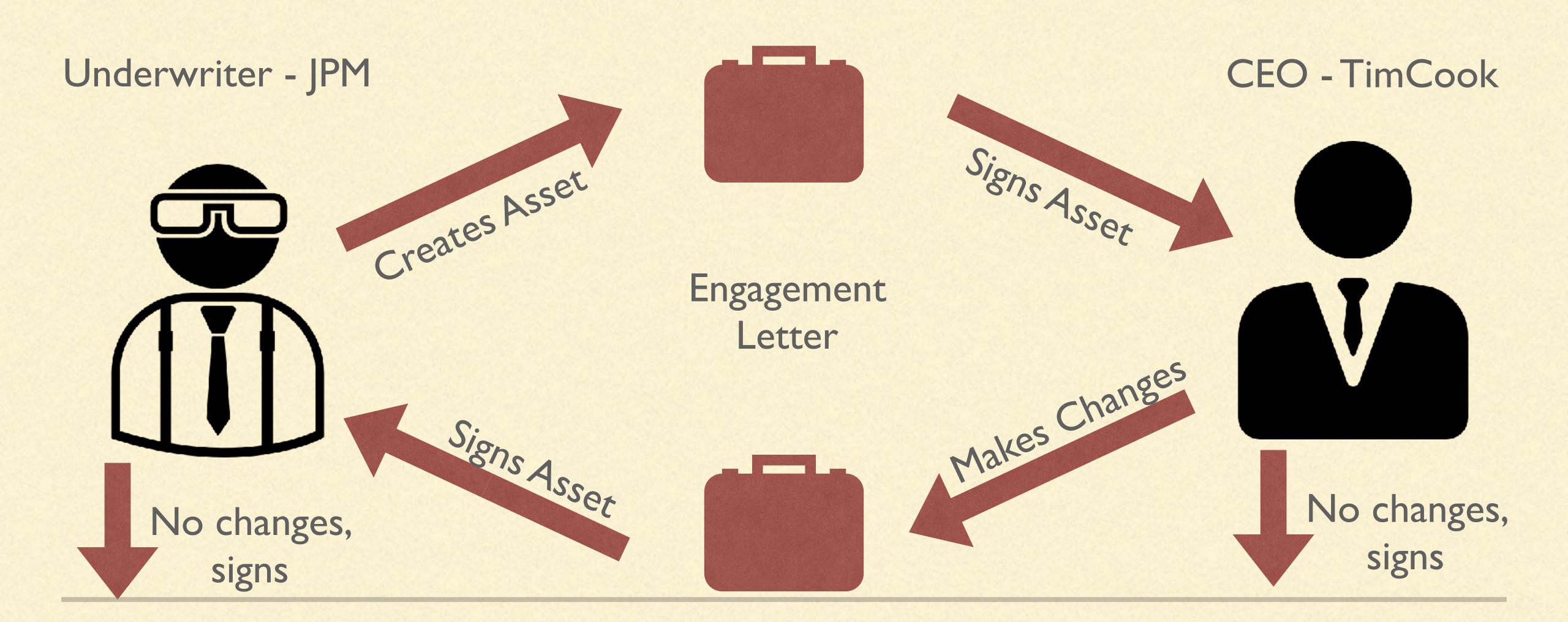
Engagement Letter CEO - TimCook

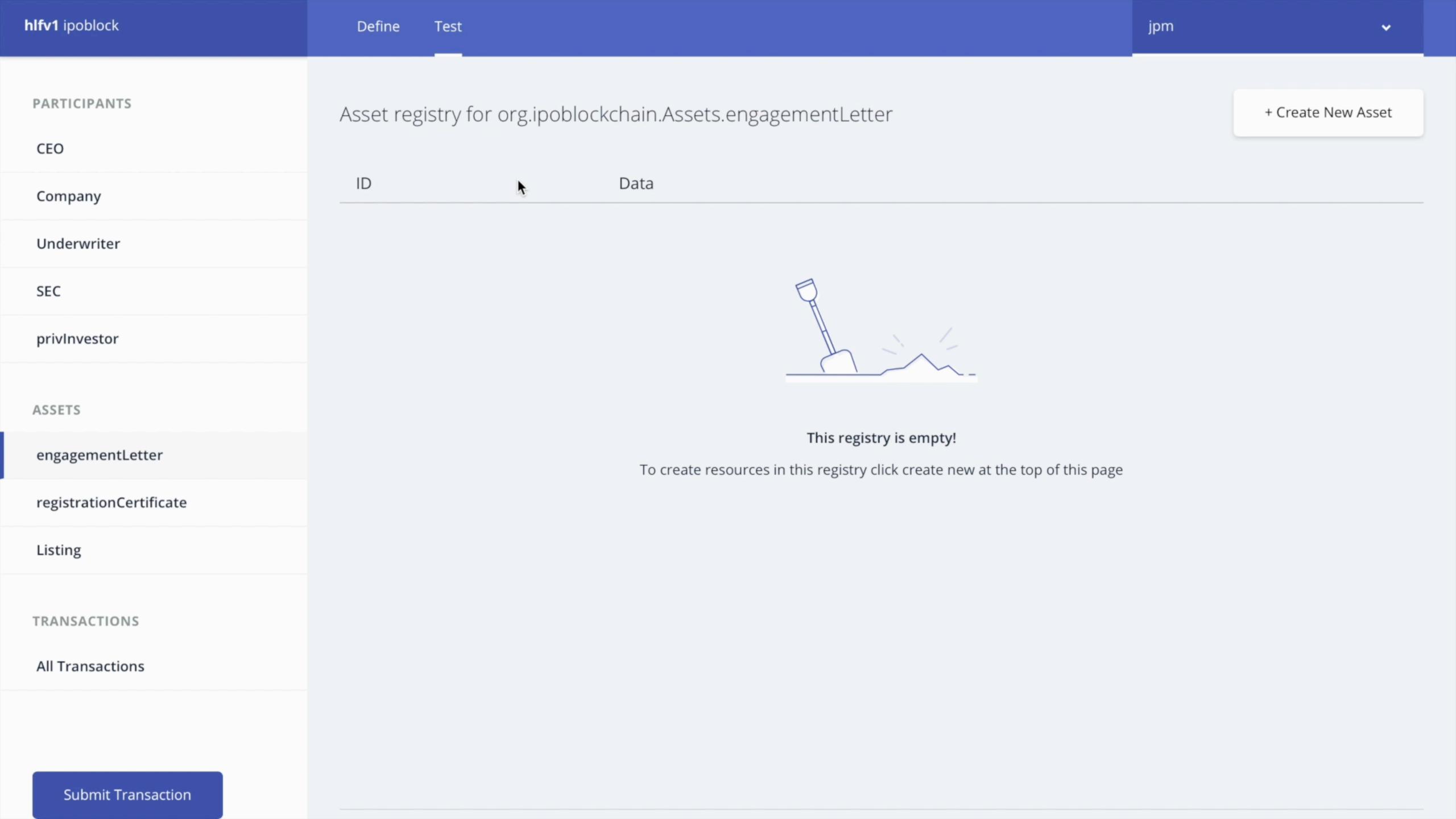


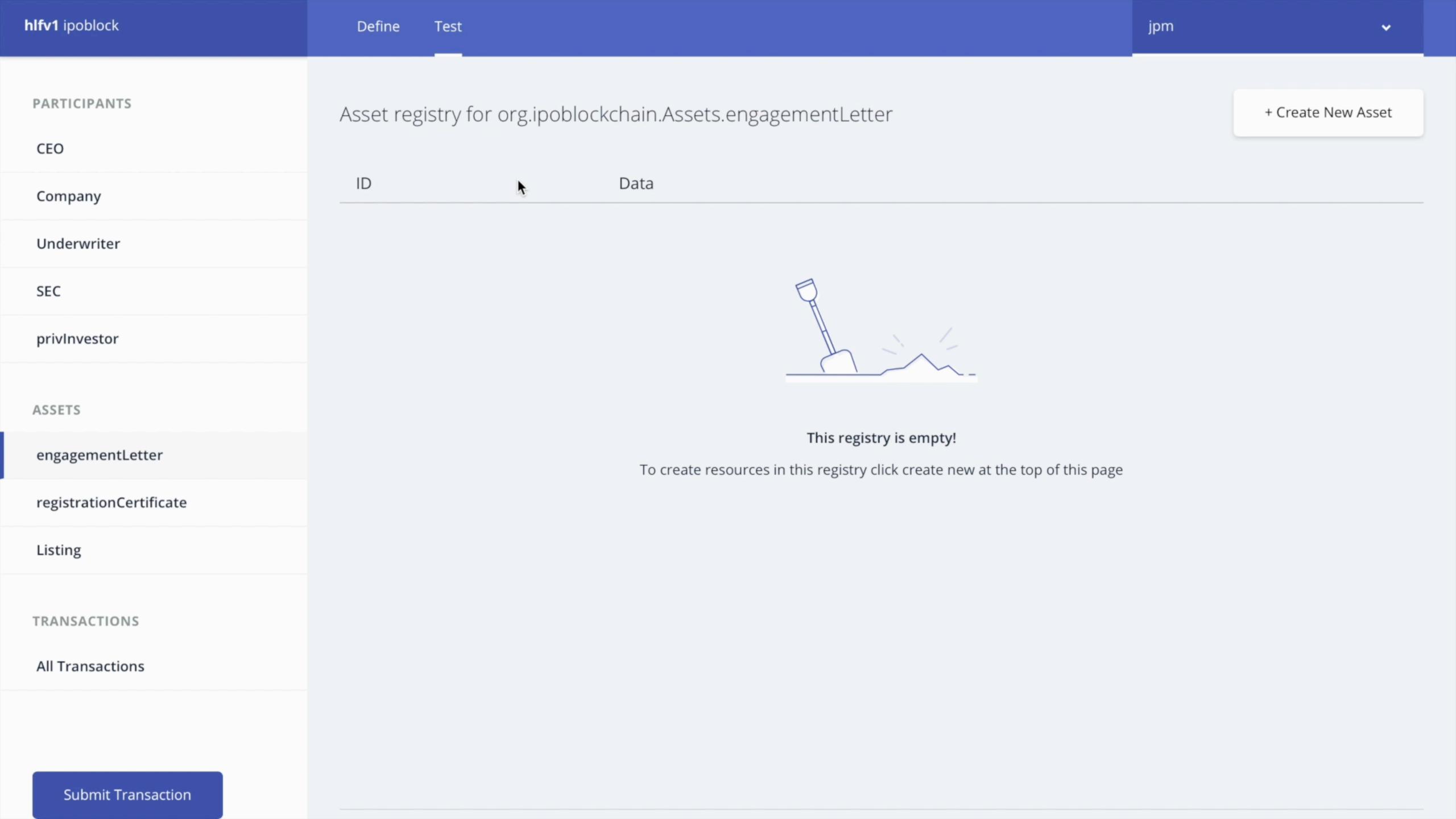


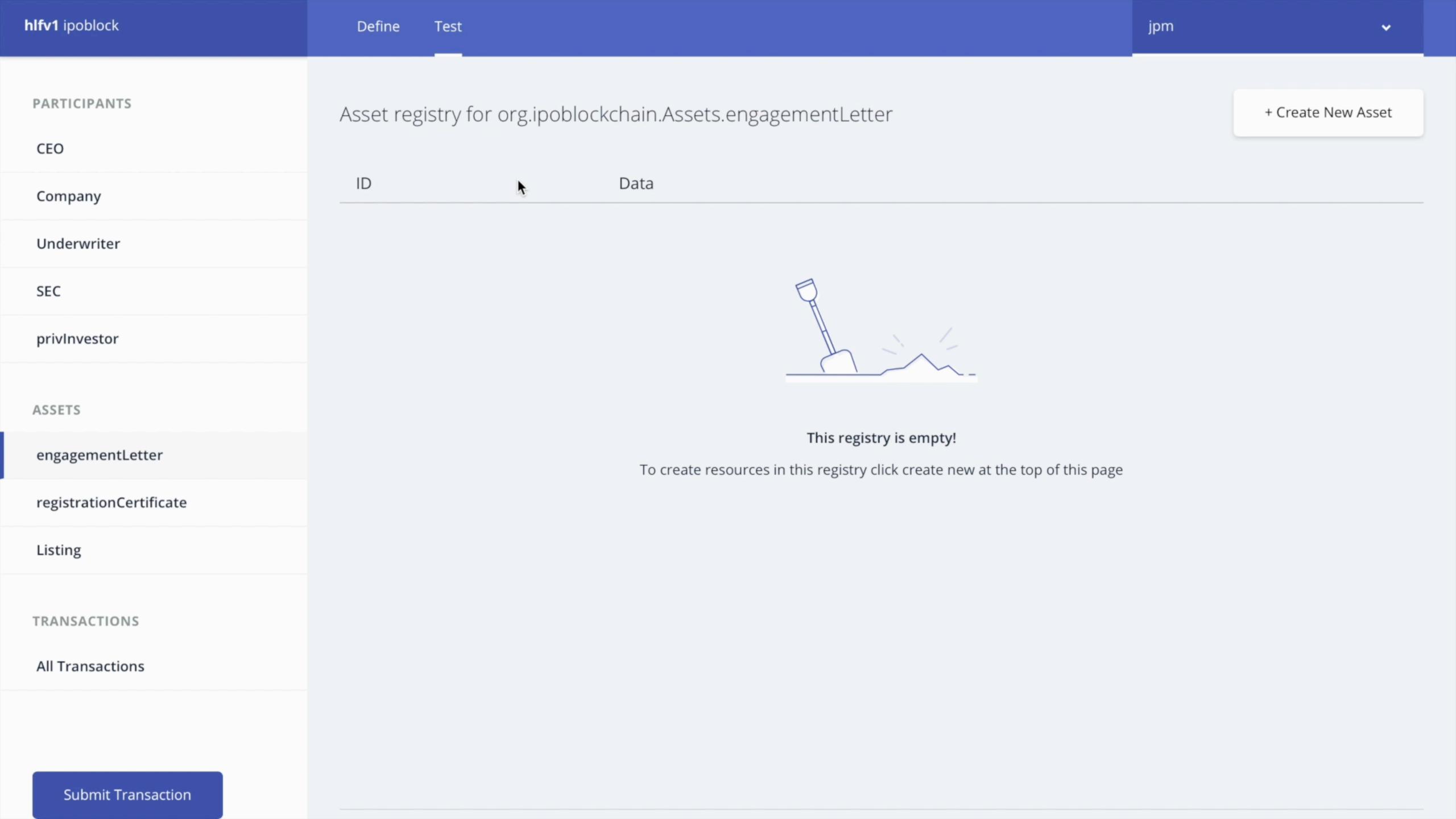














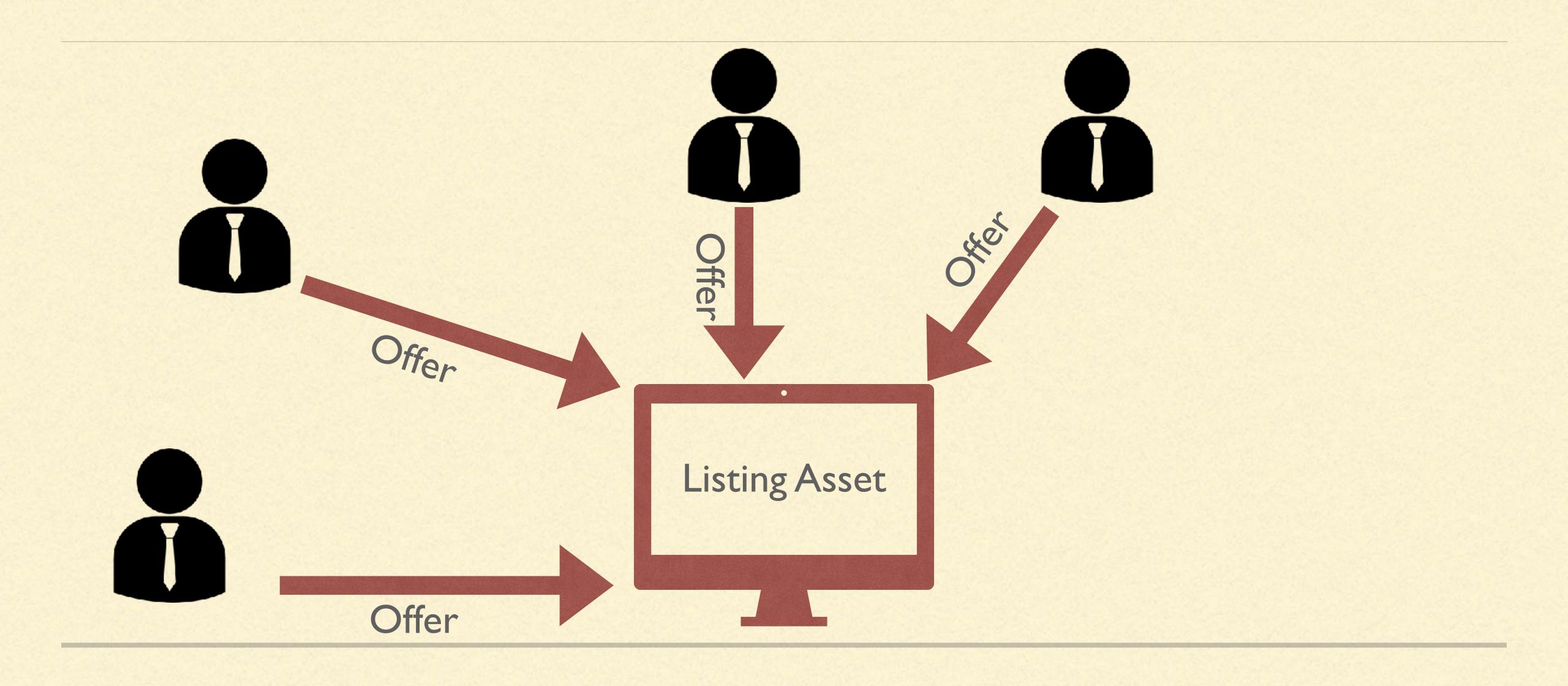


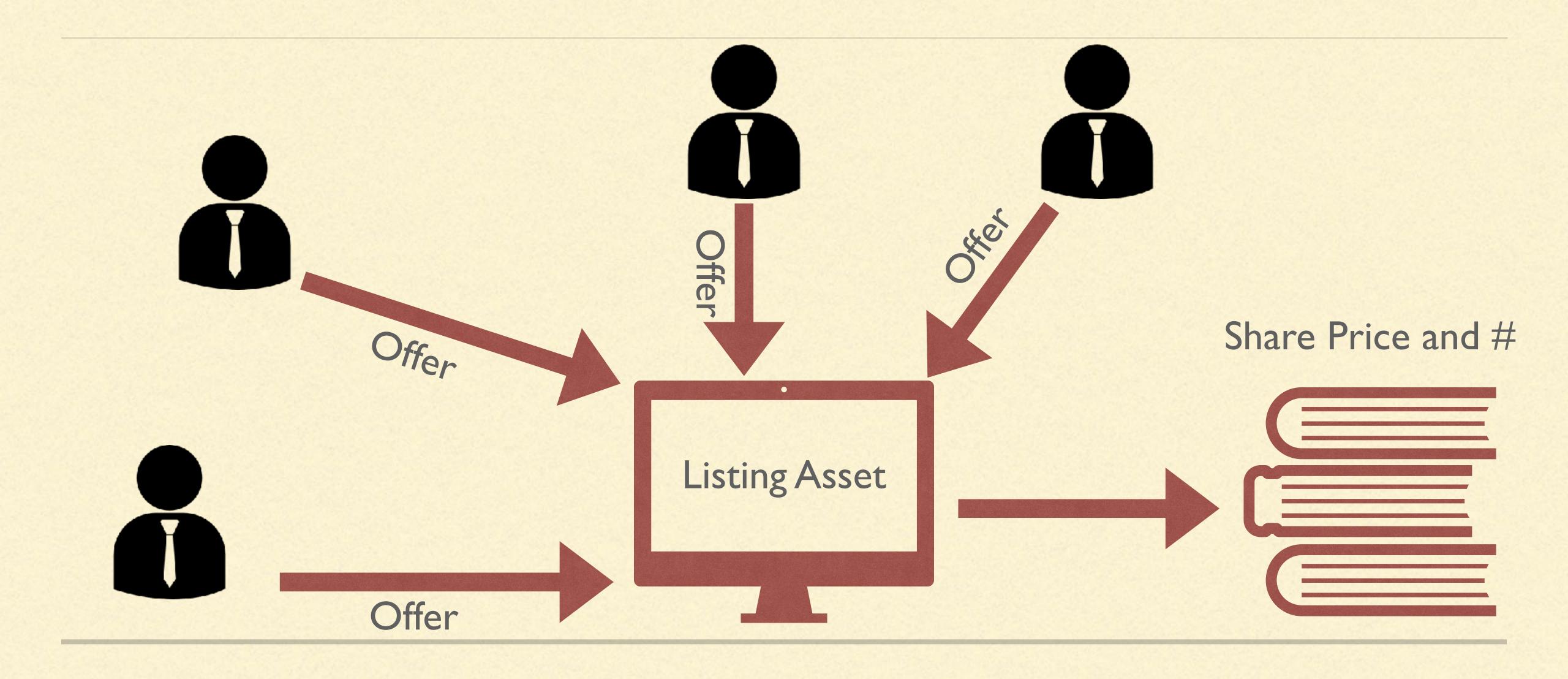


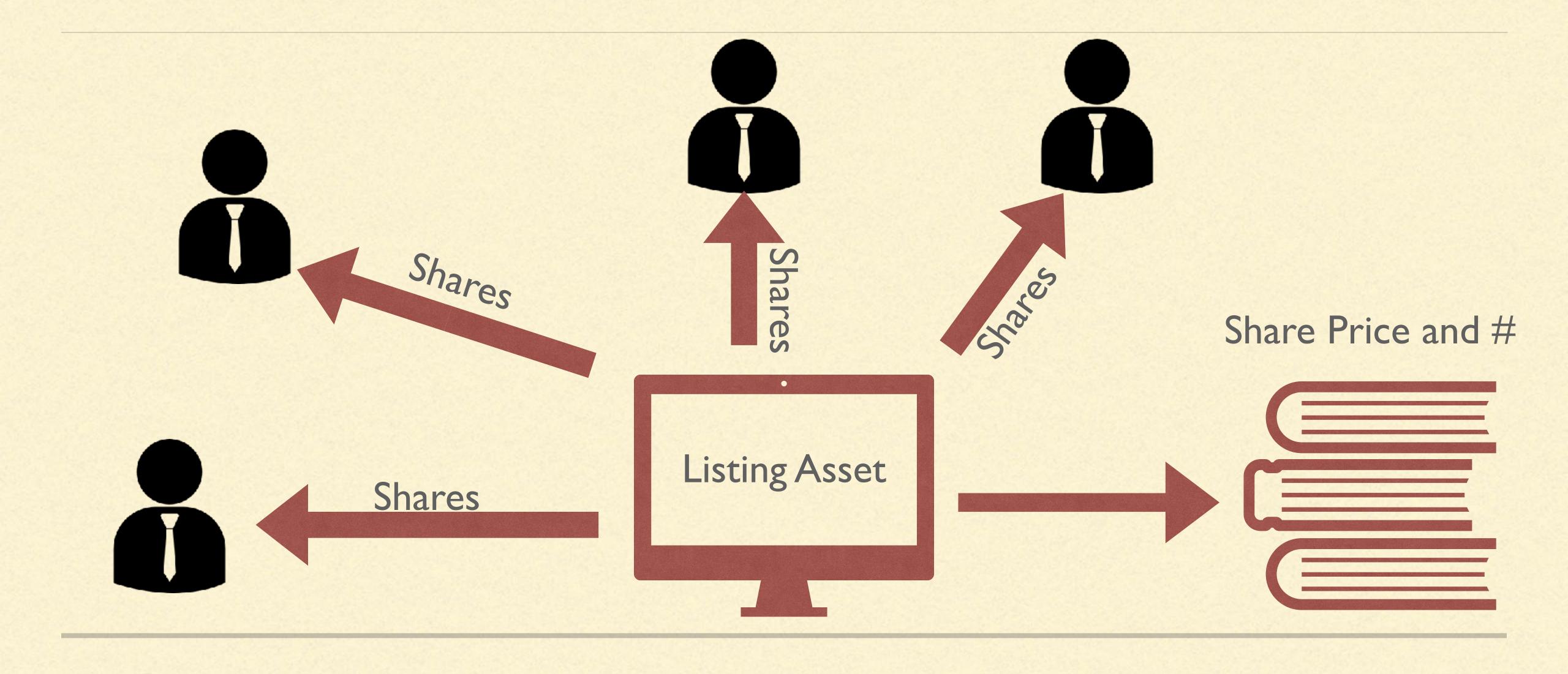


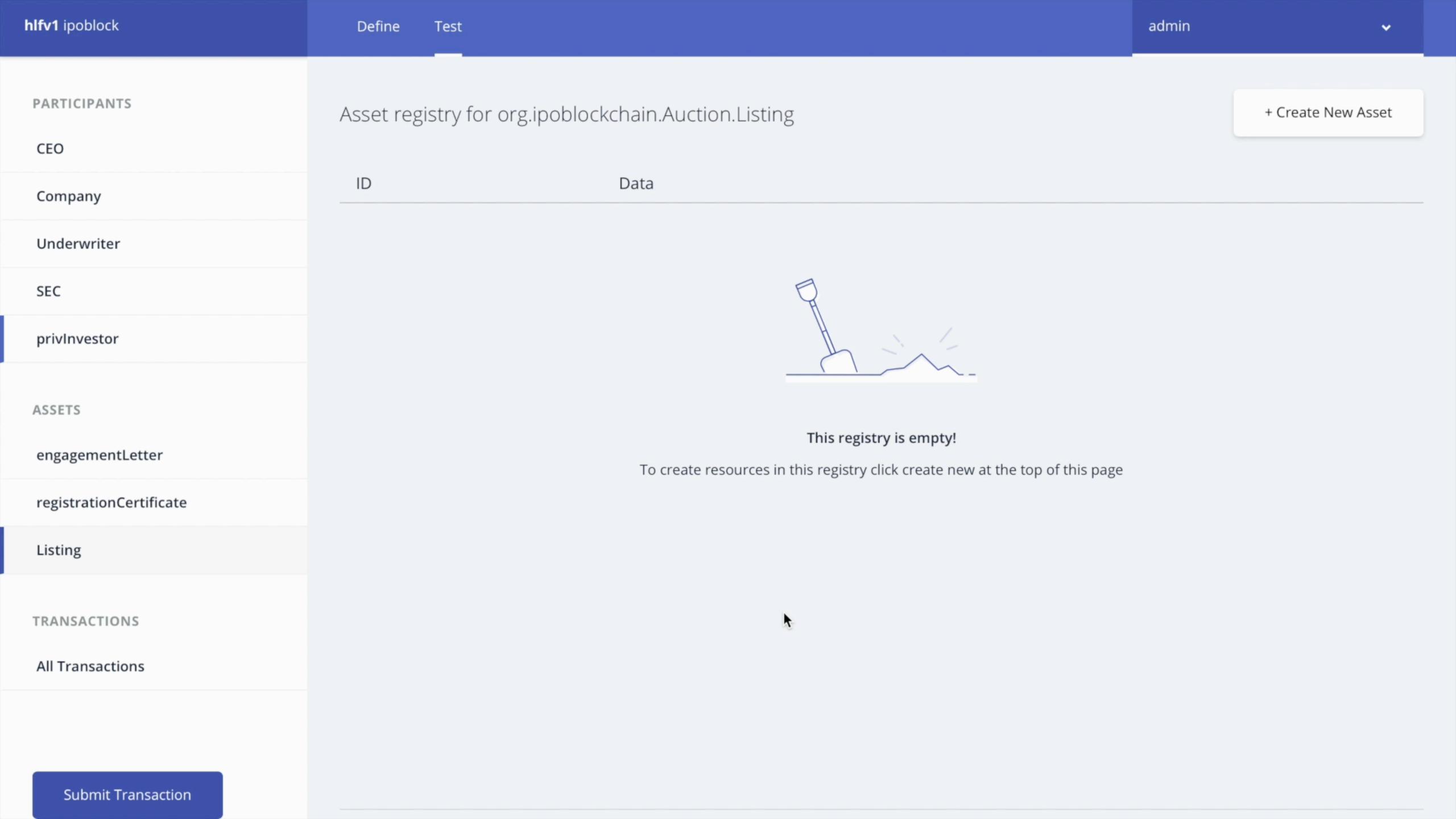


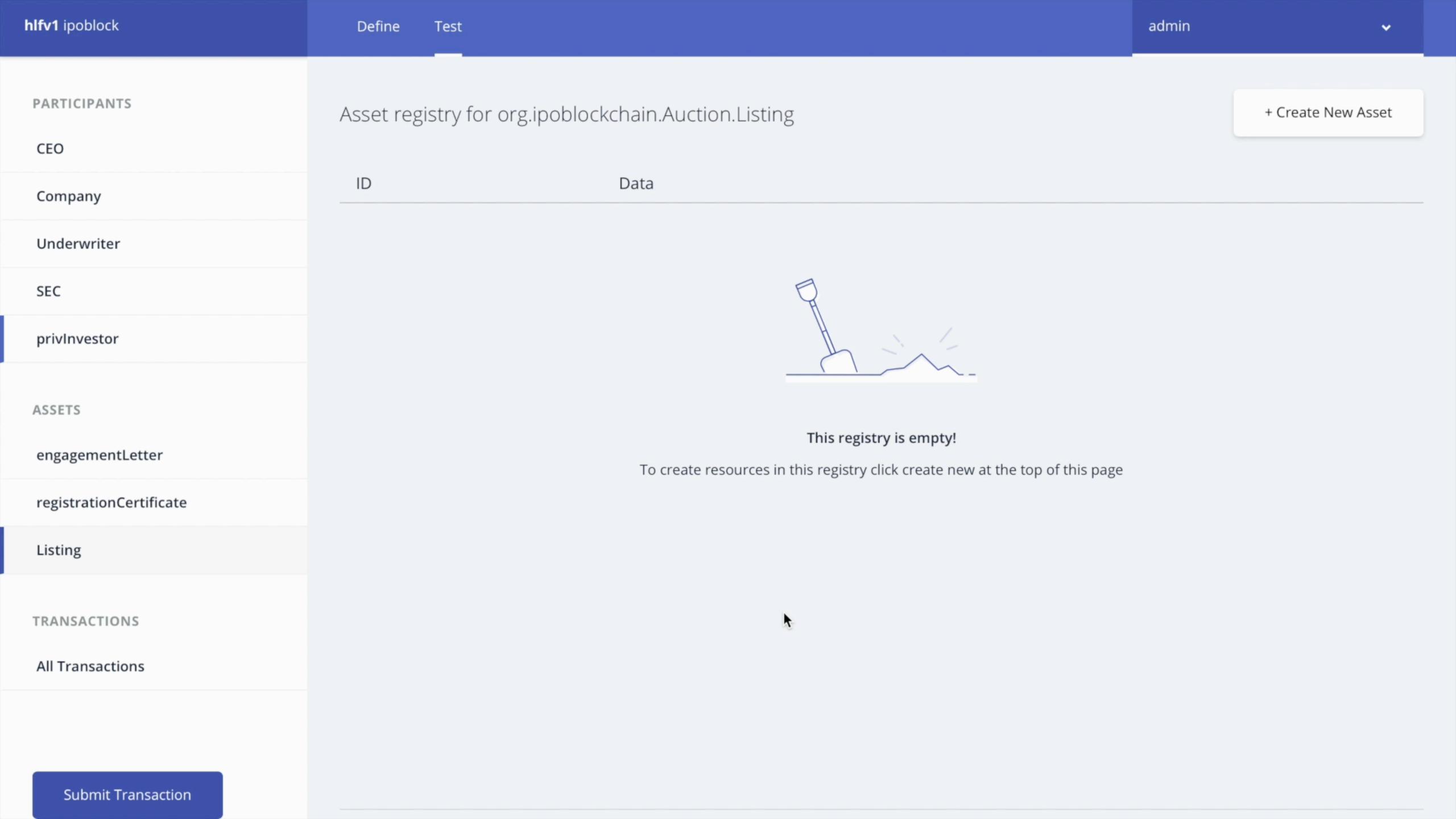














Working code based network



- Working code based network
- Multiagent lifecycle functionality



- Working code based network
- Multiagent lifecycle functionality
- M Auction network



- Working code based network
- Multiagent lifecycle functionality
- Auction network
- Usage documentation



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Front End - One-way communication between Angular and REST server

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The final application is inherently dependent on the network size.