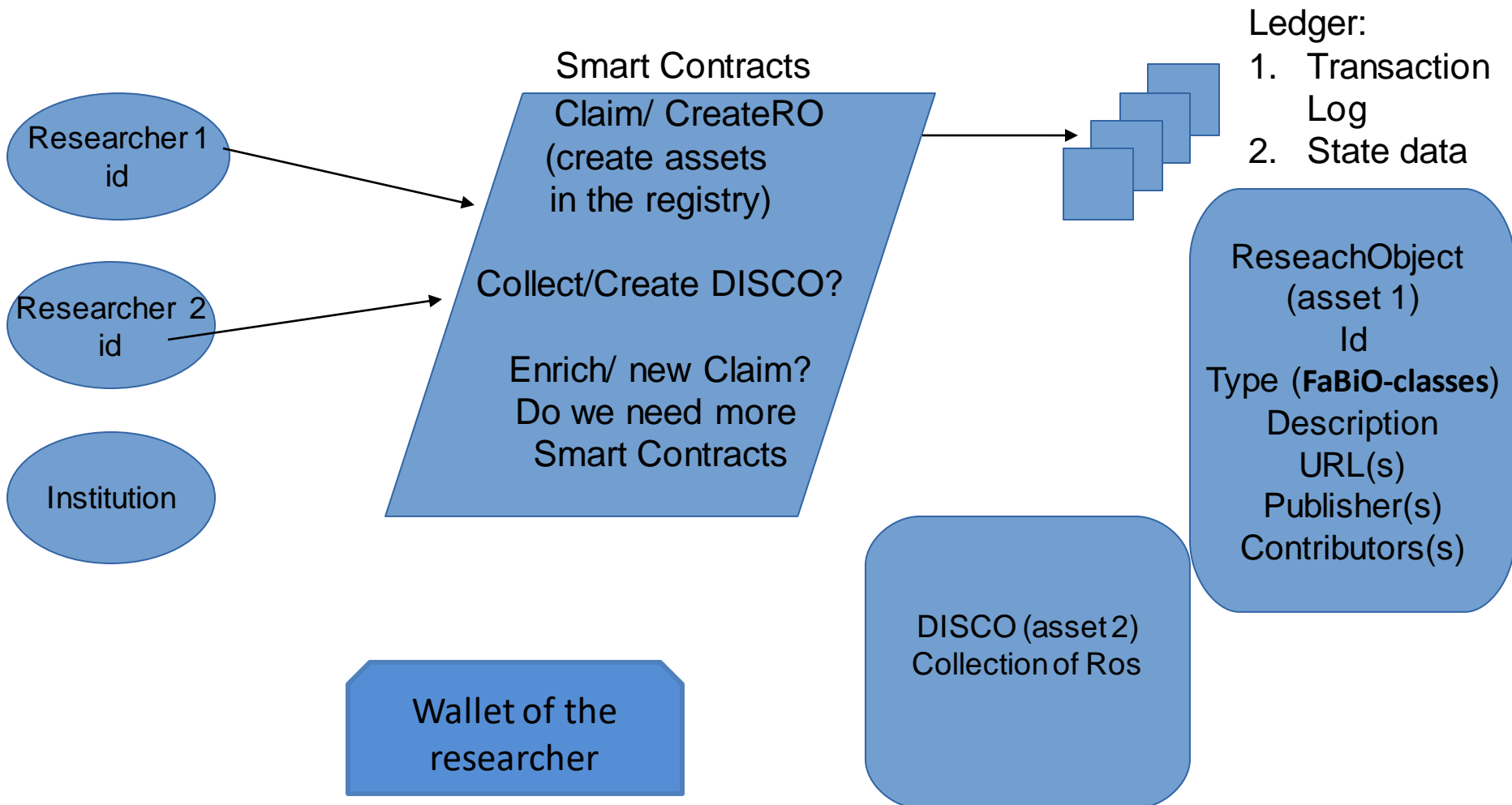


Journal of Research Objects

Flow Charts

Ledger-Frontend-IPFS

Business Network, bforosv3.bna (Scholarly Wallet)



Pluggable registry for science

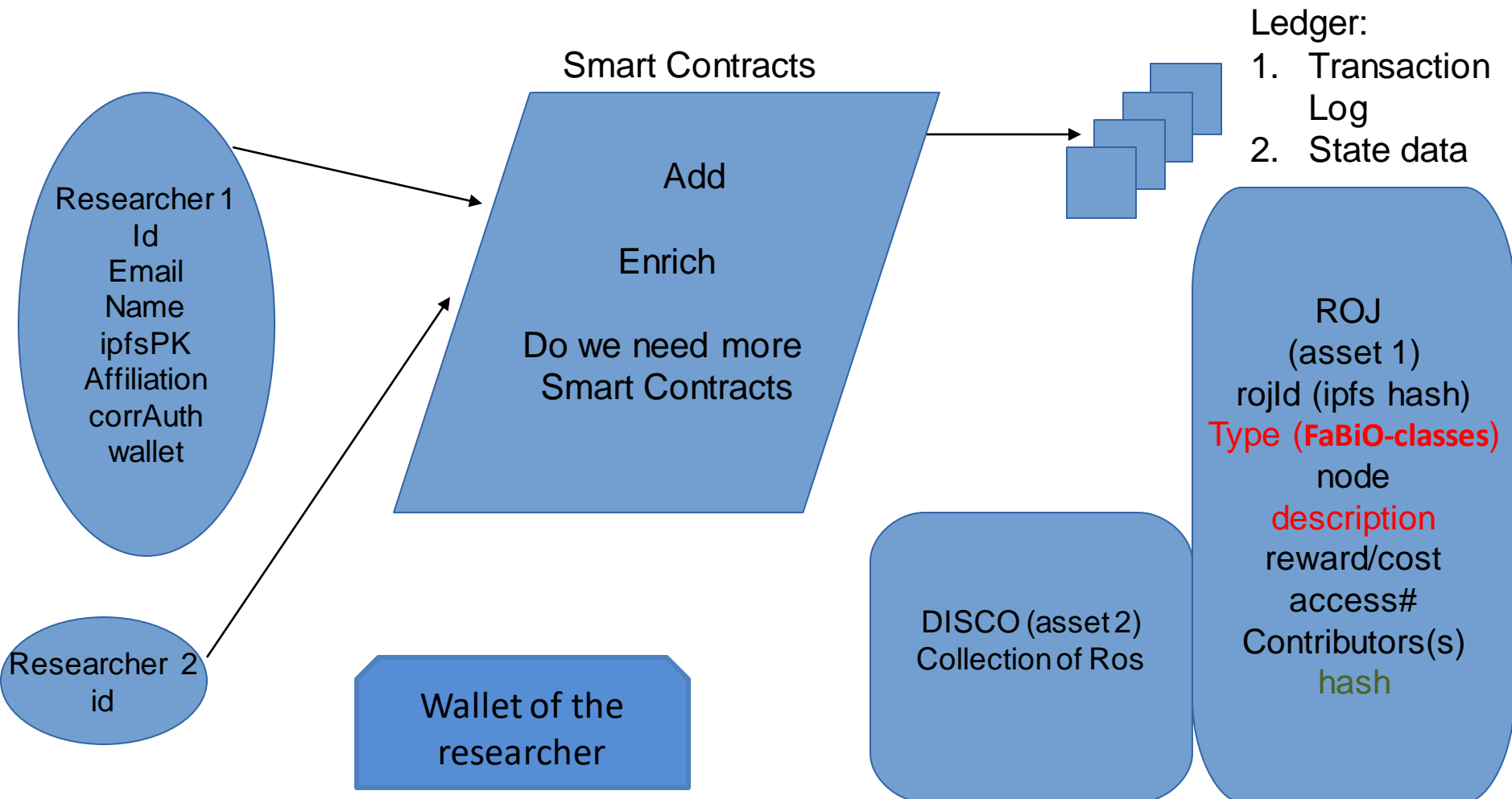
existing archive

| Blockchain Business Network

1. User log-in.
2. Queries and displays
www DB's for RO under
user name.
3. Claim RO

1. Create participant (if 1st
time). Instantiate wallet.
2. Create an asset (Capture
metadata).
3. Claim asset
 - a) Assign ownership (with
and without approval)
 - b) Update wallet (event)
4. Count asset use
(Wrapper)
 - b) Update wallet (event)

Business Network, jro.bna (New Journal Infrastructure)



New Journal Infrastructure

Ledger

| Frontend

| IPFS node

1. Create participant (if 1st time).
Instantiate wallet.
2. Create/Add RO
3. Enrich Asset

1. User log-in.
2. Create node?
3. Add RO
4. Enrich RO with metadata

1. Create node
2. Add object(s)

1. Wallet
Activity

Architecture

