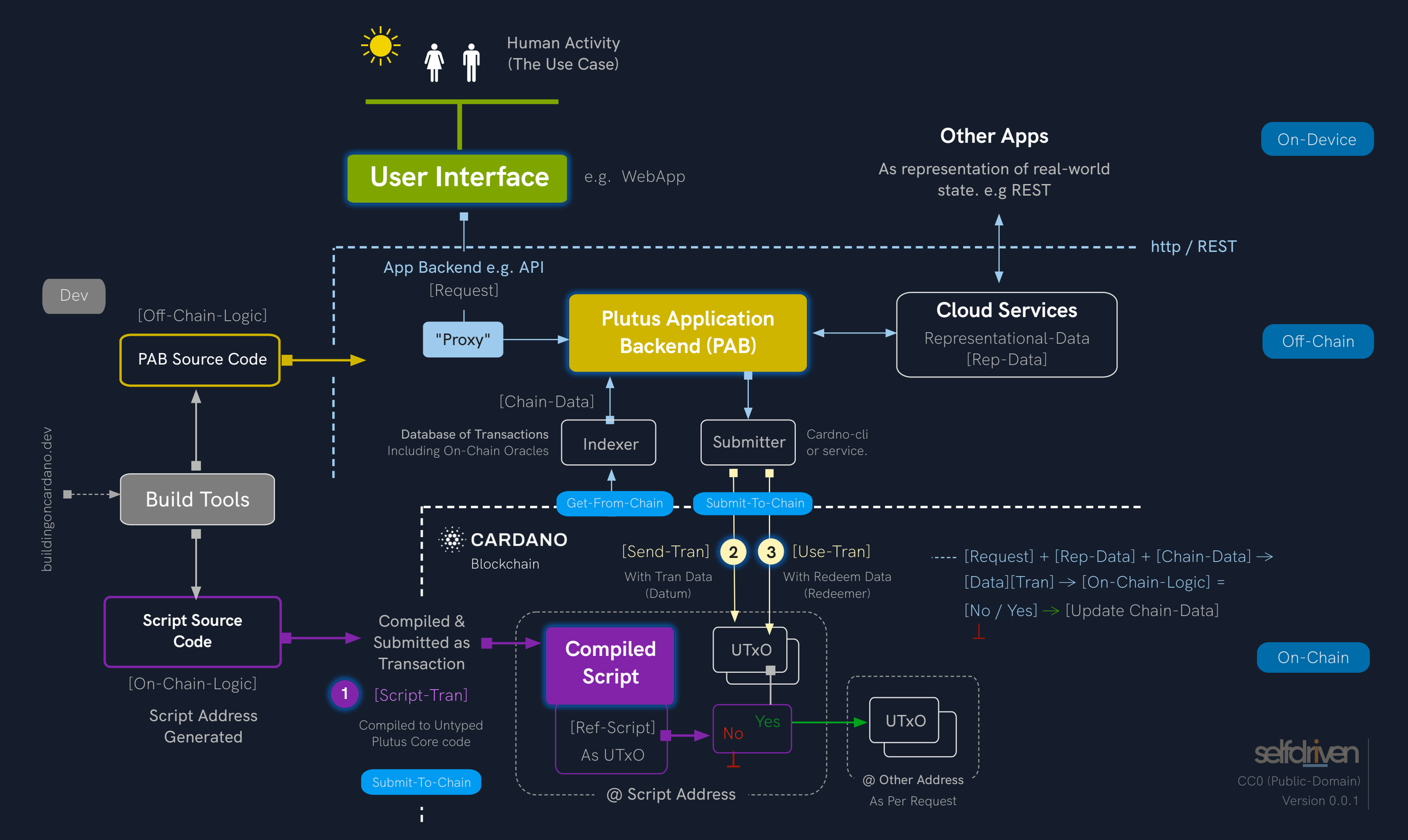
Human Activity
(The Use Case)
User Interface
e.g. WebApp
Other Apps
As representation of real-world state. e.g REST
On-Device
http / REST
App Backend e.g. API
[Request]
Dev
[Off-Chain-Logic]
PAB Source Code
"Proxy"
Plutus Application Backend (PAB)
Cloud Services
Representational-Data
[Rep-Data]
Off-Chain
[Chain-Data]
Database of Transactions
Including On-Chain Oracles
Indexer
Submitter
Cardno-cli
or service.
buildingoncardano.dev
Build Tools
Get-From-Chain
Submit-To-Chain
CARDANO
Blockchain
[Send-Tran]
2
3
[Use-Tran]
With Tran Data
(Datum)
With Redeem Data
(Redeemer)
[Request] + [Rep-Data] + [Chain-Data] →
[Data][Tran] → [On-Chain-Logic] =
[No / Yes] → [Update Chain-Data]
Script Source Code
Compiled & Submitted as Transaction
Compiled Script
UTxO
On-Chain
[On-Chain-Logic]
1
[Script-Tran]
Script Address Generated
Compiled to Untyped Plutus Core code
[Ref-Script]
As UTxO
No
Yes
UTxO
Submit-To-Chain
@ Script Address
@ Other Address
As Per Request
selfdriven
CC0 (Public-Domain)
Version 0.0.1