

1

RPC call

L2TGeth

2

isTuring?

L2TGeth

3

User-designated  
Endpoint

client.Call

responseString

L2TGeth

4

L2TGeth

- Replaces original callData
- `run(evm, contract, updated_input)`
- `evm.Context.Turing = updated_input`
- Forms new block\*
  - L1Timestamp/blocknumber
  - rawTransaction
  - Updated calldata ('L1Turing')

L2 Blockchain

L2TGeth-Verifier

Obtain block  
`evm.Context.Turing = updated_input`  
`run(evm, contract, evm.Context.Turing)`  
 Forms new block

L1 Data Indexing Service

Batch Submitter

The usual L2 block with  
 updated calldata ('L1Turing')

L2 Data Indexing Service

L2TGeth-Replica

Obtain block  
`evm.Context.Turing = updated_input`  
`run(evm, contract, evm.Context.Turing)`  
 Forms new block

L2TGeth-Replica

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L2TGeth-Replica

Boba research