Appendix

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Example codes

Please refer to examples in github projects

Java

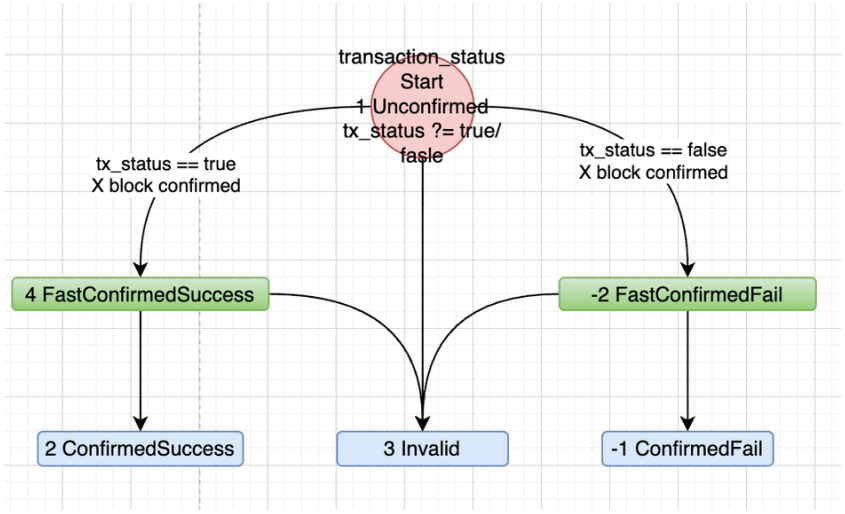
GitHub - wallet-manager/wallet-manager-client-java

NodeJS

GitHub - wallet-manager/wallet-manager-client

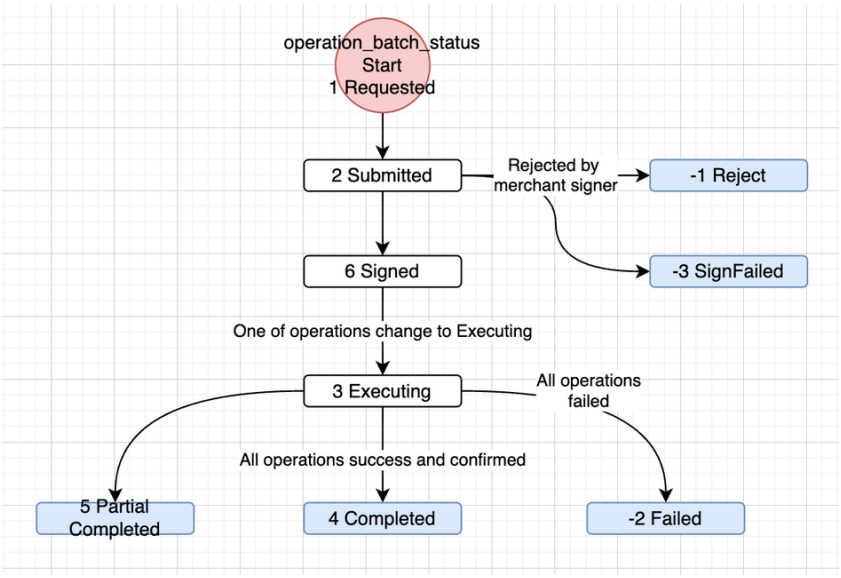
Enum

enum_transaction_status



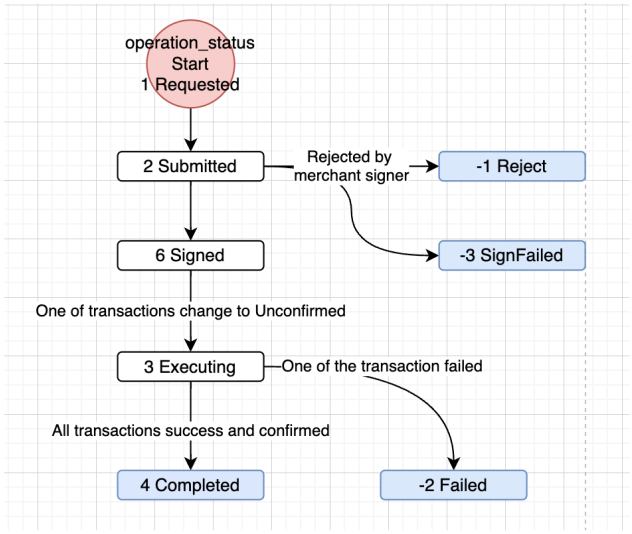
Name	Integer Value	Comments
ConfirmedFail	-1	Transaction is fail.
FastConfirmedSuccess	-2	Fast confirm success in less blocks.
Unconfirmed	1	Transaction is broadcasted. It can be pending or just mined but not yet confirmed. txStatus = true means success and txStatus = false means fail.
ConfirmedSuccess	2	Transaction is success and confirmed
Invalid	3	Transaction invalid because of uncle or invalid block.

enum_operation_batch_status



Name	Integer Value	Comments
SignFailed	-3	Failed when prepare or sign transactions
Failed	-2	Failed while executing on chain
Rejected	-1	Rejected by merchant signer
Requested	1	Requested by merchant.
Submitted	2	Submitted transaction to merchant signer
Signed	6	Transaction signed.
Executing	3	Transaction executing on chain.
Completed	4	All transaction completed in this batch.
PartialCompleted	5	Partial transaction completed in this batch.

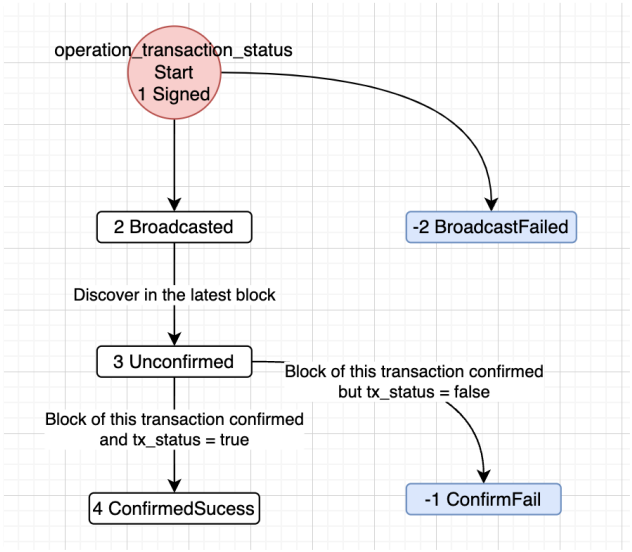
enum_operation_status



Name	Integer Value	Comments
SignFailed	-3	Failed when prepare or sign transactions
Failed	-2	Failed while executing on chain

Rejected	-1	Rejected by merchant signer
Requested	1	Requested by merchant.
Submitted	2	Submitted transaction to merchant signer
Signed	6	Transaction signed.
Executing	3	Transaction executing on chain.
Completed	4	All transaction completed.

enum_operation_transaction_status



Name	Integer Value	Comments
BroadcastFailed	-2	Failed in broadcast transaction.
ConfirmFail	-1	Transaction failed to executed.
Signed	1	Initial status.
Broadcasted	2	Transaction broadcasted
Unconfirmed	3	Transaction found on chain, but unconfirmed
ConfirmedSuccess	4	Transaction successfully executed.

Wallet Type

Value	Name	Remarks
1	Client wallet	Addresses assigned to client for deposit
2	Hot wallet	Merchant wallet for withdraw.
3	Invoker wallet	Merchant wallet to pay gas fee.
4	Sweep dest wallet.	Merchant wallet for receiving coins swept out from client wallets.

Transaction Type

	From	0	1	2	3	4
To	Wallet Type	External Wallet	Client Wallet	Hot Wallet	Invoker Wallet	Sweep Dest Wallet
0	External Wallet	0 N/A	10 LOSS	20 Withdraw	30 LOSS	40 Merchant Withdraw
1	Client Wallet	1 Client Deposit	11 CAUTION	21 Withdraw-Deposit	31 Client Wallet Topup	41 CAUTION
2	Hot Wallet	2 Hot Wallet Deposit	12 Sweep to Hot Wallet	22 Hot Wallet Transfer	32 Hot Wallet Topup	42 Provision for Withdraw
3	Invoker Wallet	3 Invoker Deposit	13 CAUTION	23 CAUTION	33 Invoker Transfer	43 CAUTION

4	Sweep Dest Wallet	4 Merchant Deposit	14 Sweep	24 CAUTION	34 CAUTION	44 Merchant Transfer
8	Adjustment	N/A	8 Adjustment	8 Adjustment	8 Adjustment	8 Adjustment
9	Miner (Fee)	9 N/A	19 Sweep Fee	29 Withdraw Fee	39 Topup Fee	49 Merchant Withdraw Fee

Direction

Value	Name	Remarks
1	In	Cash in transaction
2	Out	Cash out trandaction

Error Code

Code	Error Message
1	
2	
3	