Corda Architecture

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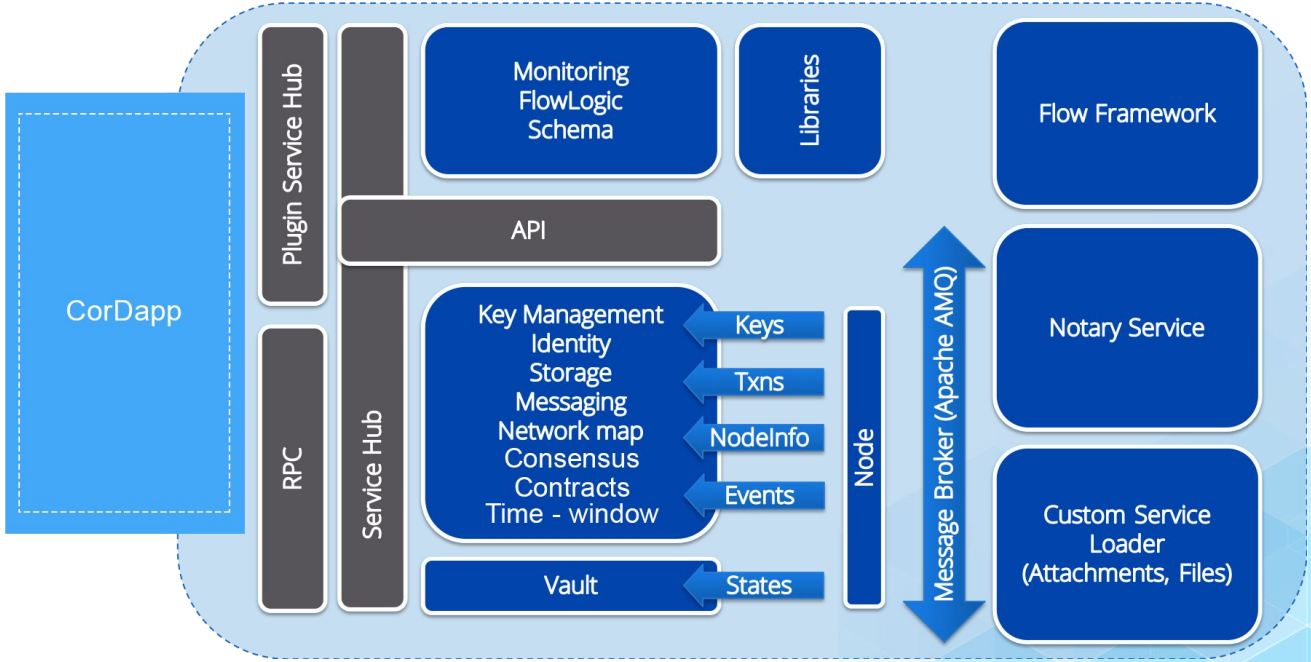
Corda Architecture



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Corda Architecture

Following components make up the Corda Architecture:

- **Flow Framework:** sequence of steps that tells the node how to achieve a specific ledger update.
- **Notary Service:** Notary service to provide uniqueness consensus attestation for transaction to prevent double spends.
- **Attachments:** Attachments include certificates.
- **Vault:** It contains data extracted from ledger relevant to owner of node in form of relational model.
- **States:** State is an immutable object that represents facts which are known by one or more nodes at a specific point of time.
- **Network Map:** It is published index of IP addresses of nodes in the network.

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- **Time Window:** Specify a time window within which a particular transaction claims to occur.
- **Identity:** Identity represent legal identities or service identities.
- **Node:** A JVM run-time environment with a unique identity which runs corda services and CorDapps.
- **Transactions:** Transactions in Corda are the proposals to update the ledger.
- **Service Hub:** Rich set of services present on nodes.
- **RPC:** It is used to interact with node's owner.
- **CorDapp:** Cordapp run on nodes which is built on Corda platform.

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