Arrow-Core

Packages:  
com.raphtory.arrowcore.model – attempts to mirror the Raphtory model of Vertices, Edges and properties and are used sparingly within the rest of the code.

com.raphtory.arrowcore.util – minor utilities

com.raphtory.bitcoin – concrete schema, loader, sample iterator, TRM demos and Vertex/Edge classes for bitcoin data

com.raphtory.ethereum – concrete schema, loader, sample iterator and Vertex/Edge classes for ethereum data

com.raphtory.arrowcore.implementation – arrow implementation of Vertex and Edge storage

LocalEntityIdStore – stores a map of global-node-ids to local-node-ids. Local node ids are essentially the overall row number (across all arrow files) that the vertex is stored at within arrow.

GlobalNodeIdStore – was used to map the “vertex-name” to a global-id. Now just hashes the vertex-name to generate a global-node-id.

ArrowVertexPartitionManager – manages a group of arrow vertex partitions (loading, saving, accessing)

ArrowVertexPartition – manages a single arrow vertex partition (file) – loading, saving, accessing/mutating vertices

VertexBaseSchema – contains the actual arrow schema and methods to access/mutate the arrow data