Damose - Structured Class Diagram

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Application

- **damose.app**: DamoseApp, Main

Controller

- **damose.controller**: ControllerDataContext, ControllerDataLoader, MainController, RealtimeUpdateScheduler, RouteVehicleMarkerBuilder, RouteViewportNavigator

Service

- **damose.service**: ArrivalService, FavoritesService, GtfsParser, RealtimeService, RouteService, ServiceQualityTracker, StaticSimulator

Data

- **damose.data.loader**: CalendarLoader, CsvParser, RoutesLoader, StopsLoader, StopTimesLoader, TripsLoader
- **damose.data.mapper**: StopTripMapper, TripIdUtils, TripMatcher
- **damose.database**: DatabaseManager, SessionManager, User, UserService

Model

- **damose.model**: BusWaypoint, ConnectionMode, Route, Stop, StopTime, StopWaypoint, Trip, TripServiceCalendar, TripUpdateRecord, User, VehiclePosition, VehicleType

View

- **damose.view**: MainView
- **damose.view.component**: ConnectionButton, FloatingArrivalPanel, InfoOverlay, RouteSidePanel, SearchOverlay, ServiceQualityPanel
- **damose.view.map**: GeoUtils, MapAnimator, MapFactory, MapOverlayManager
- **damose.view.render**: BusWaypointRenderer, RoutePainter, StopWaypointRenderer
- **damose.view.dialog**: LoadingDialog, LoginDialog

Config/Util

- **damose.config**: AppConstants
- **damose.util**: MemoryManager