

Routes
+ Routes():
- listOfRoutes: List<Route>
+ loadFromFile(String): void + print(): void

GlobalParam
~ GlobalParam():
- mapZoom: int
+ getMapZoom(): int + setMapZoom(int): void

BusWaypoint
+ BusWaypoint(double, double):
- position: GeoPosition
+ getPosition(): GeoPosition

StopTimes
+ StopTimes():
- listOfStoptimes: List<StopTime>
+ Print(String): void + loadFromFile(String): void + AddStopTime(StopTime): void + Print(): void

Trip
+ Trip(String, String, String):
- tripHeadSign: String - tripld: String - routeld: String
+ getTripHeadSign(): String + getRouteld(): String + getTripld(): String

Route
+ Route(String):
- routeld: String
+ getRouteld(): String

Trips
+ Trips():
- listOfTrips: List<Trip>
+ AddTrip(Trip): void + Print(): void + Print(String): void + getSize(): int + loadFromFile(String): void

Stop
+ Stop(String, String, String, String):
- stopId: String - stopLon: String - stopName: String - stopLat: String
+ getStopName(): String + getStopId(): String + getStopLat(): String + getStopLon(): String

MainPage
+ MainPage():
- mapViewer: JXMapView
+ main(String[]): void - updateBusPositions(): void - displayBusPositions(List<GeoPosition>): void

Stops
+ Stops():
- listOfStops: List<Stop>
+ AddStop(Stop): void + loadFromFile(String): void

StopTime
+ StopTime(String, String, String, String, String):
- tripld: String - stopId: String - stopSequence: String - arrivalTime: String - shapeDistTraveled: String
+ getArrivalTime(): String + getShapeDistTraveled(): String + getTripld(): String + getStopSequence(): String + getStopId(): String

GTFSFetcher
+ GTFSFetcher():
- GTFS_RT_URL: String
+ fetchBusPositions(): List<GeoPosition>