MyMap

If MyMap holds N items, the time complexity of associate() is O(log N)

If MyMap holds N items, the time complexity of find() is O(log N)

SegmentMapperImpl

If MapLoader holds S StreetSegments and there are total A attractions, the time complexity of init() is O(S\*(log (S+A) + A\*(log (S+A)))

If SegmentMapplerImpl holds N GeoCoords, then the time complexity of getSegments() is O(log N)

AttractionMapper

If MapLoader holds S StreetSegments and holds a total of A attractions, the time complexity of init() is O(S+ A\*logA)

If AttractionMapper holds A attractions, then the time complexity of getGeoCoord() is

O(log A)

NavImpl

If S StreetSegments are checked during navigation, each holds an average of A attractions, and SegmentMapper holds M associations, then the time complexity of navigate() is O(S\*(A+log S+logM))