

+loadByToken(String token) : +getAliasUpdates(version : int) : (List<(alias : String, mapID : int)>, newVersion : int) User <<interface>>
MapIDService <<interface>>
AliasSuggestionService ccinterface>> +addMapID(ID : int, location : String) +removeMapID(ID : int) +getLocation(mapID : int) +addAliasSuggestion(name :String, username : String, mapID +addToBlackList(name : String) +removeFromBlacklList(name : : String) String) +removeAliasSuggestion(name : +isBlackListed(name : String) String)
+voteForAlias(mapID : int, alias : String, vote : boolean, user : String, vote : boolean, user :
String)
+getAliasSuggestions(posAmount
: int, negAmount : int) AliasSuggestionImp MapIDServiceImp BlackListServiceImp - AliasSuggestionRepository -UserRepository -MapIDRepository +addAliasSuggestion(name :String, username : String) +removeAlias(name : String) +addToBlackList(name : String) +addMapID(ID : int, location : +removeFromBlacklList(name : String) String) +removeMapID(ID : int) +getAliasSuggestions(posAmount : int, negAmount : int) +isBlackListed(name : String) +getLocation(mapID : int)