### **ISuperAdminRepositoryImpl**

+findByName(String): List<SuperAdmin>

### **IAdminRepositoryImpl**

+findByName(String):List<Admin>

+findByUname(String):Admin

+login( String, String ): Optional<Admin>

### **ICustomerRepositoryImpl**

+findByName( String ): List<Customer> +findByEmail( String ) : List<Customer>

+findByPhone( String ) : List<Customer> +register( Customer ) : Integer

### **ICityRepositoryImpl**

+findByName( String ): List<City>

+getTid( City ) : List<Theatre>

+getMornid( Theatre ): List<Integer>

+getMatid( Theatre ): List<Integer> +getSecid( Theatre ): List<Integer>

+getBid( Theatre ): List<Integer>

+getMxid( Theatre ): List<Integer>

+getLid( Theatre ): List<Integer>

+getCid( String ): Integer

### **ILocationRepositoryImpl**

+findByName(String): List<Location>

+findByLName( String, int ): List<Location>

+findByCld( City ): List<Location>

+getMxid( Location ) : List<Multiplex>

+getTid( Multiplex ) : List<Integer>

+getMornid( Multiplex ) : List<Integer>

+getMatid( Multiplex ) : List<Integer>

+getSecid( Multiplex ) : List<Integer>

+getBid( Multiplex ) : List<Integer>

## **IMultiplexRepositoryImpl**

+findByName( String ): List<Multiplex>

+findByMxName(String, Location): List<Multiplex>

+getByLid( Location ) : List<Multiplex>

+CidByLid( Location ) : City

+findByCld( City ) : List<Multiplex>

+getMornId( Multiplex ) : List<Integer>

+getMatId( Multiplex ) : List<Integer>

+getSecId( Multiplex ) : List<Integer>

+getBId( Multiplex ) : List<Integer> +getTld( Multiplex ) : List<Integer> **IMovieRepositoryImpl** 

+findByName(String): List<Movie>

+findByMName(String, Int): List<Movie>

+findByCat( String ) : List<Movie>

+findByGen( String ) : List<Movie> +findAllRunning( Date ): List<Movie>

+findByNameRunning( String, Date ): List<Movie>

+findByCatRunning( String, Date ): List<Movie>

+findByGenRunning( String, Date ): List<Movie>

+findByMid(Int, Date): Movie

+getMornId( Movie ) : List<Integer>

+getMatId( Movie ) : List<Integer>

+getSecId( Movie ) : List<Integer>

+getBld( Movie ) : List<Integer> +getTld( Movie ) : List<Integer> **ITheatreRepositoryImpl** 

+checkCond( Multiplex, Int, Date, Date ): List<Theatre> +modCond( Multiplex, Int, Date, Date, Int ): List<Theatre>

+getTid( Multiplex, Movie, Date, Int ): Int

+findByTid( Theatre ) : Theatre

+CidByMxid( Multiplex ) : City

+ mornCond( Movie, Multiplex, Date, String, Int ):Int

+ matCond( Movie, Multiplex, Date, String, Int ):Int

+ secCond( Movie, Multiplex, Date, String, Int ) :Int

+ mornDel( Int ) :Int

+ matDel( Int ) :Int

+ secDel( Int ) :Int

+findByMvid( Movie ) : List<Theatre>

+findByMxid( Movie ) : List<Theatre>

+getMid( City ) : List<Movie>

+getMornId( Theatre ) : List<Integer>

+getMatId( Theatre ) : List<Integer>

+getSecId( Theatre ) : List<Integer> +getBld( Theatre ) : List<Integer>

# **IBookingRepositoryImpl**

+findByCid(Int): List<Booking>

+getByCid( Int ) : List<Integer>

+findByMid( Movie ): List<Booking>

+checkmornavail( Theatre, Date ) : List<Morningseats>

+checkmatavail( Theatre, Date ) : List<Matineeseats>

+checksecavail( Theatre, Date ) : List<Secondshowseats>

+mornA1( Theatre, Date ) : Int

+mornA2( Theatre, Date ) : Int

+mornA3( Theatre, Date ) : Int

+717 more..

**IMorningSeatsRepositoryImpl** 

**IMatineeSeatsRepositoryImpl** 

| ISecondShowSeatsRepositoryImpl