

Movie Guide Application

Generated by Doxygen 1.8.14

Contents

1	Hierarchical Index	1
1.1	Class Hierarchy	1
2	Class Index	3
2.1	Class List	3
3	Class Documentation	5
3.1	movieguideapplication.ApiUtils Class Reference	5
3.1.1	Detailed Description	5
3.1.2	Member Function Documentation	5
3.1.2.1	getMovieRetirever()	5
3.1.3	Member Data Documentation	5
3.1.3.1	BASE_URL	6
3.2	movieguideapplication.MainActivity Class Reference	6
3.2.1	Detailed Description	6
3.2.2	Member Function Documentation	6
3.2.2.1	onCreate()	6
3.3	movieguideapplication.Movie Class Reference	7
3.3.1	Detailed Description	7
3.3.2	Constructor & Destructor Documentation	7
3.3.2.1	Movie()	7
3.3.3	Member Function Documentation	7
3.3.3.1	getTitle()	7
3.4	movieguideapplication.MovieList Class Reference	8

3.4.1	Detailed Description	8
3.4.2	Member Function Documentation	8
3.4.2.1	getMovies()	8
3.4.2.2	setMovies()	8
3.5	movieguideapplication.MovieRetriever Interface Reference	9
3.5.1	Detailed Description	9
3.5.2	Member Function Documentation	9
3.5.2.1	getMovies() [1/2]	9
3.5.2.2	getMovies() [2/2]	9
3.6	movieguideapplication.RetrofitClient Class Reference	10
3.6.1	Detailed Description	10
3.6.2	Member Function Documentation	10
3.6.2.1	getClient()	10

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

movieguideapplication.ApiUtils	5
movieguideapplication.Movie	7
movieguideapplication.MovieList	8
movieguideapplication.MovieRetriever	9
movieguideapplication.RetrofitClient	10
AppCompatActivity	
movieguideapplication.MainActivity	6

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

movieguideapplication.ApiUtils	5
movieguideapplication.MainActivity	6
movieguideapplication.Movie	7
movieguideapplication.MovieList	8
movieguideapplication.MovieRetriever	9
movieguideapplication.RetrofitClient	10

Chapter 3

Class Documentation

3.1 movieguideapplication.ApiUtils Class Reference

Static Public Member Functions

- static [MovieRetriever](#) `getMovieRetirever` ()

Static Public Attributes

- static final String `BASE_URL` = "http://api.themoviedb.org"

3.1.1 Detailed Description

API Utils Class This class primes the URL for a get request to be made using the Retrofit client

3.1.2 Member Function Documentation

3.1.2.1 `getMovieRetirever()`

```
static MovieRetriever movieguideapplication.ApiUtils.getMovieRetirever ( ) [static]
```

This method creates an object of the [MovieRetriever](#) class using the Retrofit Client

Returns

A [MovieRetriever](#) object using the `BASE_URL` variable

3.1.3 Member Data Documentation

3.1.3.1 BASE_URL

```
final String movieguideapplication.ApiUtils.BASE_URL = "http://api.themoviedb.org" [static]
```

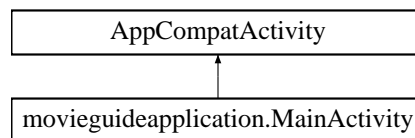
The URL to which the API get request will be made

The documentation for this class was generated from the following file:

- ApiUtils.java

3.2 movieguideapplication.MainActivity Class Reference

Inheritance diagram for movieguideapplication.MainActivity:



Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)

3.2.1 Detailed Description

Parent class of the application

3.2.2 Member Function Documentation

3.2.2.1 onCreate()

```
void movieguideapplication.MainActivity.onCreate (
    Bundle savedInstanceState ) [protected]
```

Creates the user interface when the application is run

Parameters

<i>savedInstanceState</i>	Holds the saved state of the application
---------------------------	--

The documentation for this class was generated from the following file:

- MainActivity.java

3.3 movieguideapplication.Movie Class Reference

Public Member Functions

- String [getTitle](#) ()
- [Movie](#) (int id, boolean video, double vote_average, String title, double popularity)

3.3.1 Detailed Description

Parses data extracted from the API

3.3.2 Constructor & Destructor Documentation

3.3.2.1 [Movie](#)()

```
movieguideapplication.Movie.Movie (
    int id,
    boolean video,
    double vote_average,
    String title,
    double popularity )
```

Constructor for the [Movie](#) Class

Parameters

<i>id</i>	Contains the ID number of the movie
<i>video</i>	Boolean value corresponding to the availability of the movie trailer
<i>vote_average</i>	Contains the average rating of the movie
<i>title</i>	Contains a numerical value for the popularity of the movie
<i>popularity</i>	Contains a numerical value for the popularity of the movie

3.3.3 Member Function Documentation

3.3.3.1 [getTitle](#)()

```
String movieguideapplication.Movie.getTitle ( )
```

Gets the title of the movie

Returns

string containing the title

The documentation for this class was generated from the following file:

- `Movie.java`

3.4 movieguideapplication.MovieList Class Reference

Public Member Functions

- `List< Movie > getMovies ()`
- `void setMovies (List< Movie > movies)`

3.4.1 Detailed Description

Contains getter and setter methods for the list of movies loaded from the API

3.4.2 Member Function Documentation

3.4.2.1 `getMovies()`

```
List<Movie> movieguideapplication.MovieList.getMovies ( )
```

Gets the list of loaded movies

Returns

list of movies loaded from API

3.4.2.2 `setMovies()`

```
void movieguideapplication.MovieList.setMovies (
    List< Movie > movies )
```

Updates the list of movies

Parameters

<i>movies</i>	new list of movies
---------------	--------------------

The documentation for this class was generated from the following file:

- MovieList.java

3.5 movieguideapplication.MovieRetriever Interface Reference

Public Member Functions

- Call< [MovieList](#) > [getMovies](#) ()
- Call< [MovieList](#) > [getMovies](#) (@Query("page") int page)

3.5.1 Detailed Description

Makes get requests to the API using the Retrofit Client annotations

3.5.2 Member Function Documentation

3.5.2.1 [getMovies\(\)](#) [1 / 2]

```
Call<MovieList> movieguideapplication.MovieRetriever.getMovies ( )
```

Get request for movies based by popularity

Returns

list of call responses from the API

3.5.2.2 [getMovies\(\)](#) [2 / 2]

```
Call<MovieList> movieguideapplication.MovieRetriever.getMovies (
    @Query("page") int page )
```

Get request for movies based by popularity and specified page

Parameters

<i>page</i>	Page to extract movies from
-------------	-----------------------------

Returns

list of call responses from the API

The documentation for this interface was generated from the following file:

- `MovieRetriever.java`

3.6 movieguideapplication.RetrofitClient Class Reference

Static Public Member Functions

- static Retrofit [getClient](#) (String baseUrl)

3.6.1 Detailed Description

Setup for the [RetrofitClient](#)

3.6.2 Member Function Documentation

3.6.2.1 [getClient\(\)](#)

```
static Retrofit movieguideapplication.RetrofitClient.getClient (
    String baseUrl ) [static]
```

Provides framework for retrofit object

Parameters

<i>baseUrl</i>	The URL to which a get request will be made
----------------	---

Returns

retrofit object

The documentation for this class was generated from the following file:

- `RetrofitClient.java`