

1 Namespace Index	1
1.1 Packages	1
2 Hierarchical Index	3
2.1 Class Hierarchy	3
3 Class Index	5
3.1 Class List	5
4 File Index	7
4.1 File List	7
5 Namespace Documentation	9
5.1 Package com.example.myapplication	9
5.1.1 Detailed Description	9
6 Class Documentation	11
6.1 com.example.myapplication.BuildConfig Class Reference	11
6.1.1 Member Data Documentation	11
6.1.1.1 APPLICATION_ID	11
6.1.1.2 BUILD_TYPE	11
6.1.1.3 DEBUG	11
6.1.1.4 VERSION_CODE	12
6.1.1.5 VERSION_NAME	12
6.2 com.example.myapplication.DownloadThread Class Reference	12
6.2.1 Member Function Documentation	12
6.2.1.1 getStations()	12
6.2.1.2 run()	13
6.3 com.example.myapplication.ExampleUnitTest Class Reference	13
6.3.1 Detailed Description	13
6.3.2 Member Function Documentation	13
6.3.2.1 addition_isCorrect()	13
6.4 com.example.myapplication.GlobalStorage Class Reference	13
6.4.1 Member Function Documentation	14
6.4.1.1 getAllStations()	14
6.4.1.2 getDefStations()	14
6.4.1.3 getFavStations()	14
6.4.1.4 getSaveCheckedState()	14
6.4.1.5 setAllStations()	14
6.4.1.6 setDefStations()	15
6.4.1.7 setFavStations()	15
6.4.1.8 setSaveCheckedState()	15
6.5 com.example.myapplication.HomeFragment Class Reference	15
6.5.1 Member Function Documentation	16

6.5.1.1 onCreateView()	16
6.6 com.example.myapplication.Ladestation Class Reference	16
6.6.1 Member Function Documentation	17
6.6.1.1 getAdditional()	17
6.6.1.2 getArea()	18
6.6.1.3 getConnPower()	18
6.6.1.4 getInstallationDate()	18
6.6.1.5 getLat()	18
6.6.1.6 getLocation()	19
6.6.1.7 getLon()	19
6.6.1.8 getModuleType()	19
6.6.1.9 getNumber()	19
6.6.1.10 getNumberOfConnections()	20
6.6.1.11 getOperator()	20
6.6.1.12 getPlugTypes_1()	20
6.6.1.13 getPlugTypes_2()	20
6.6.1.14 getPlugTypes_3()	21
6.6.1.15 getPlugTypes_4()	21
6.6.1.16 getPostalCode()	21
6.6.1.17 getPower_1()	21
6.6.1.18 getPower_2()	22
6.6.1.19 getPower_3()	22
6.6.1.20 getPower_4()	22
6.6.1.21 getPublicKey_1()	22
6.6.1.22 getPublicKey_2()	23
6.6.1.23 getPublicKey_3()	23
6.6.1.24 getPublicKey_4()	23
6.6.1.25 getState()	23
6.6.1.26 getStreet()	24
6.6.2 Member Data Documentation	24
6.6.2.1 id	24
6.7 com.example.myapplication.LoginFragment Class Reference	24
6.7.1 Member Function Documentation	24
6.7.1.1 onCreateView()	24
6.8 com.example.myapplication.MainActivity Class Reference	25
6.8.1 Member Function Documentation	25
6.8.1.1 getBottomNav()	25
6.8.1.2 onCreate()	25
6.8.2 Member Data Documentation	26
6.8.2.1 onServiceFragment	26
6.8.2.2 userLocation	26
6.9 com.example.myapplication.MapFragment Class Reference	26

6.9.1 Member Function Documentation	26
6.9.1.1 onConfigurationChanged()	27
6.9.1.2 onCreateView()	27
6.10 com.example.myapplication.Ladestation.ModuleType Enum Reference	27
6.10.1 Member Data Documentation	27
6.10.1.1 SerializedName	27
6.11 com.example.myapplication.Ladestation.PlugType Enum Reference	27
6.11.1 Member Data Documentation	28
6.11.1.1 SerializedName	28
6.12 com.example.myapplication.PopUpService Class Reference	28
6.12.1 Constructor & Destructor Documentation	28
6.12.1.1 PopUpService()	28
6.13 com.example.myapplication.SaveCheckedState Class Reference	29
6.13.1 Constructor & Destructor Documentation	29
6.13.1.1 SaveCheckedState()	29
6.13.2 Member Function Documentation	29
6.13.2.1 getSearchRange()	29
6.13.2.2 isShowFastCharging()	29
6.13.2.3 isShowFavourites()	30
6.13.2.4 setSearchRange()	30
6.13.2.5 setShowFastCharging()	30
6.13.2.6 setShowFavourites()	30
6.14 com.example.myapplication.ServiceFragment Class Reference	31
6.14.1 Member Function Documentation	31
6.14.1.1 onCreateView()	31
6.15 com.example.myapplication.SQLiteHelper Class Reference	31
6.15.1 Constructor & Destructor Documentation	32
6.15.1.1 SQLiteHelper()	32
6.15.2 Member Function Documentation	32
6.15.2.1 onCreate()	32
6.15.2.2 onUpgrade()	32
6.15.2.3 readFavouritesFromDB()	33
6.15.2.4 readFlagsFromDB()	33
6.15.2.5 removeSingleFavoriteFromDB()	33
6.15.2.6 removeSingleReportFromDB()	33
6.15.2.7 saveSingleFavoriteToDB()	34
6.15.2.8 saveSingleFlagToDB()	34
6.15.3 Member Data Documentation	34
6.15.3.1 ATTRIBUTE_ID	34
6.15.3.2 DATABASE_NAME	34
6.15.3.3 FAVOURITE_TABLE_NAME	34
6.15.3.4 REPORTS_TABLE_NAME	35

6.16 com.example.myapplication.StationAdapter Class Reference	35
6.16.1 Constructor & Destructor Documentation	35
6.16.1.1 StationAdapter()	35
6.16.2 Member Function Documentation	35
6.16.2.1 getItemCount()	36
6.16.2.2 onBindViewHolder()	36
6.16.2.3 onCreateViewHolder()	36
6.16.2.4 setNewList()	36
6.16.2.5 toggleButtonRepWorker()	36
6.17 com.example.myapplication.StationAPI Class Reference	37
6.17.1 Member Function Documentation	37
6.17.1.1 getProximityStations()	37
6.17.1.2 getSQLiteHelper()	37
6.17.1.3 initialize()	38
6.17.1.4 sort()	38
6.18 com.example.myapplication.StationAdapter.ViewHolder Class Reference	38
6.18.1 Constructor & Destructor Documentation	39
6.18.1.1 ViewHolder()	39
6.18.2 Member Data Documentation	39
6.18.2.1 favouriteButton	39
6.18.2.2 reportButton	39
6.18.2.3 stationID	39
6.18.2.4 stationTextBottom	40
6.18.2.5 stationTextCenter	40
6.18.2.6 stationTextTop	40
7 File Documentation	41
7.1 app/build/generated/source/buildConfig/debug/com/example/myapplication/BuildConfig.java File Reference	41
7.2 app/build/generated/source/buildConfig/release/com/example/myapplication/BuildConfig.java File Reference	41
7.3 app/src/main/java/com/example/myapplication/DownloadThread.java File Reference	41
7.4 app/src/main/java/com/example/myapplication/GlobalStorage.java File Reference	42
7.5 app/src/main/java/com/example/myapplication/HomeFragment.java File Reference	42
7.6 app/src/main/java/com/example/myapplication/Ladestation.java File Reference	42
7.7 app/src/main/java/com/example/myapplication/LoginFragment.java File Reference	43
7.8 app/src/main/java/com/example/myapplication/MainActivity.java File Reference	43
7.9 app/src/main/java/com/example/myapplication/MapFragment.java File Reference	43
7.10 app/src/main/java/com/example/myapplication/PopUpService.java File Reference	43
7.11 app/src/main/java/com/example/myapplication/SaveCheckedState.java File Reference	44
7.12 app/src/main/java/com/example/myapplication/ServiceFragment.java File Reference	44
7.13 app/src/main/java/com/example/myapplication/SQLiteHelper.java File Reference	44
7.14 app/src/main/java/com/example/myapplication/StationAdapter.java File Reference	44

7.15 app/src/main/java/com/example/myapplication/StationAPI.java File Reference	45
7.16 app/src/test/java/com/example/myapplication/ExampleUnitTest.java File Reference	45
Index	47

Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

com.example.myapplication	9
---	---

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

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

RecyclerView.Adapter	
com.example.myapplication.StationAdapter	35
com.example.myapplication.BuildConfig	11
com.example.myapplication.ExampleUnitTest	13
com.example.myapplication.GlobalStorage	13
com.example.myapplication.Ladestation	16
com.example.myapplication.Ladestation.ModuleType	27
com.example.myapplication.Ladestation.PlugType	27
com.example.myapplication.PopUpService	28
Runnable	
com.example.myapplication.DownloadThread	12
com.example.myapplication.SaveCheckedState	29
com.example.myapplication.StationAPI	37
RecyclerView.ViewHolder	
com.example.myapplication.StationAdapter.ViewHolder	38
AppCompatActivity	
com.example.myapplication.MainActivity	25
Fragment	
com.example.myapplication.HomeFragment	15
com.example.myapplication.LoginFragment	24
com.example.myapplication.MapFragment	26
com.example.myapplication.ServiceFragment	31
SQLiteOpenHelper	
com.example.myapplication.SQLiteHelper	31

Chapter 3

Class Index

3.1 Class List

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

com.example.myapplication.BuildConfig	11
com.example.myapplication.DownloadThread	12
com.example.myapplication.ExampleUnitTest	13
com.example.myapplication.GlobalStorage	13
com.example.myapplication.HomeFragment	15
com.example.myapplication.Ladestation	16
com.example.myapplication.LoginFragment	24
com.example.myapplication.MainActivity	25
com.example.myapplication.MapFragment	26
com.example.myapplication.Ladestation.ModuleType	27
com.example.myapplication.Ladestation.PlugType	27
com.example.myapplication.PopUpService	28
com.example.myapplication.SaveCheckedState	29
com.example.myapplication.ServiceFragment	31
com.example.myapplication.SQLiteHelper	31
com.example.myapplication.StationAdapter	35
com.example.myapplication.StationAPI	37
com.example.myapplication.StationAdapter.ViewHolder	38

Chapter 4

File Index

4.1 File List

Here is a list of all files with brief descriptions:

app/build/generated/source/buildConfig/debug/com/example/myapplication/BuildConfig.java	41
app/build/generated/source/buildConfig/release/com/example/myapplication/BuildConfig.java	41
app/src/main/java/com/example/myapplication/DownloadThread.java	41
app/src/main/java/com/example/myapplication/GlobalStorage.java	42
app/src/main/java/com/example/myapplication/HomeFragment.java	42
app/src/main/java/com/example/myapplication/Ladestation.java	42
app/src/main/java/com/example/myapplication/LoginFragment.java	43
app/src/main/java/com/example/myapplication/MainActivity.java	43
app/src/main/java/com/example/myapplication/MapFragment.java	43
app/src/main/java/com/example/myapplication/PopUpService.java	43
app/src/main/java/com/example/myapplication/SaveCheckedState.java	44
app/src/main/java/com/example/myapplication/ServiceFragment.java	44
app/src/main/java/com/example/myapplication/SQLiteHelper.java	44
app/src/main/java/com/example/myapplication/StationAdapter.java	44
app/src/main/java/com/example/myapplication/StationAPI.java	45
app/src/test/java/com/example/myapplication/ExampleUnitTest.java	45

Chapter 5

Namespace Documentation

5.1 Package com.example.myapplication

Classes

- class [BuildConfig](#)
- class [DownloadThread](#)
- class [ExampleUnitTest](#)
- class [GlobalStorage](#)
- class [HomeFragment](#)
- class [Ladestation](#)
- class [LoginFragment](#)
- class [MainActivity](#)
- class [MapFragment](#)
- class [PopUpService](#)
- class [SaveCheckedState](#)
- class [ServiceFragment](#)
- class [SQLiteHelper](#)
- class [StationAdapter](#)
- class [StationAPI](#)

5.1.1 Detailed Description

Automatically generated file. DO NOT MODIFY

Chapter 6

Class Documentation

6.1 com.example.myapplication.BuildConfig Class Reference

Static Public Attributes

- static final boolean `DEBUG` = Boolean.parseBoolean("true")
- static final String `APPLICATION_ID` = "com.example.myapplication"
- static final String `BUILD_TYPE` = "debug"
- static final int `VERSION_CODE` = 1
- static final String `VERSION_NAME` = "1.0"

6.1.1 Member Data Documentation

6.1.1.1 APPLICATION_ID

```
static final String com.example.myapplication.BuildConfig.APPLICATION_ID = "com.example.↵  
myapplication" [static]
```

6.1.1.2 BUILD_TYPE

```
static final String com.example.myapplication.BuildConfig.BUILD_TYPE = "debug" [static]
```

6.1.1.3 DEBUG

```
static final boolean com.example.myapplication.BuildConfig.DEBUG = Boolean.parseBoolean("true")  
[static]
```

6.1.1.4 VERSION_CODE

```
static final int com.example.myapplication.BuildConfig.VERSION_CODE = 1 [static]
```

6.1.1.5 VERSION_NAME

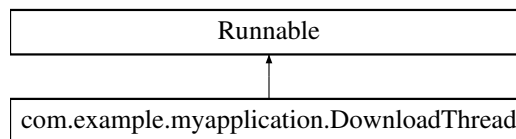
```
static final String com.example.myapplication.BuildConfig.VERSION_NAME = "1.0" [static]
```

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

- [app/build/generated/source/buildConfig/debug/com/example/myapplication/BuildConfig.java](#)
- [app/build/generated/source/buildConfig/release/com/example/myapplication/BuildConfig.java](#)

6.2 com.example.myapplication.DownloadThread Class Reference

Inheritance diagram for com.example.myapplication.DownloadThread:



Public Member Functions

- void [run](#) ()
- ArrayList< [Ladestation](#) > [getStations](#) ()

6.2.1 Member Function Documentation

6.2.1.1 getStations()

```
ArrayList< Ladestation > com.example.myapplication.DownloadThread.getStations ( )
```

Getter for all stations

Returns

the stations ArrayList

6.2.1.2 run()

```
void com.example.myapplication.DownloadThread.run ( )
```

Overrides the Runnable's run method

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

- app/src/main/java/com/example/myapplication/[DownloadThread.java](#)

6.3 com.example.myapplication.ExampleUnitTest Class Reference

Public Member Functions

- void [addition_isCorrect](#) ()

6.3.1 Detailed Description

Example local unit test, which will execute on the development machine (host).

See also

[Testing documentation](#)

6.3.2 Member Function Documentation

6.3.2.1 addition_isCorrect()

```
void com.example.myapplication.ExampleUnitTest.addition_isCorrect ( )
```

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

- app/src/test/java/com/example/myapplication/[ExampleUnitTest.java](#)

6.4 com.example.myapplication.GlobalStorage Class Reference

Static Public Member Functions

- static ArrayList< [Ladestation](#) > [getAllStations](#) ()
- static void [setAllStations](#) (ArrayList< [Ladestation](#) > allStations)
- static ArrayList< Integer > [getFavStations](#) ()
- static void [setFavStations](#) (ArrayList< Integer > favStations)
- static ArrayList< Integer > [getDefStations](#) ()
- static void [setDefStations](#) (ArrayList< Integer > defStations)
- static [SaveCheckedState](#) [getSaveCheckedState](#) ()
- static void [setSaveCheckedState](#) ([SaveCheckedState](#) saveCheckedState)

6.4.1 Member Function Documentation

6.4.1.1 getAllStations()

```
static ArrayList< Ladestation > com.example.myapplication.GlobalStorage.getAllStations ( )  
[static]
```

Returns allStations

Returns

The allStations Array

6.4.1.2 getDefStations()

```
static ArrayList< Integer > com.example.myapplication.GlobalStorage.getDefStations ( ) [static]
```

Returns the defect stations as ArrayList

Returns

the defectStations ArrayList

6.4.1.3 getFavStations()

```
static ArrayList< Integer > com.example.myapplication.GlobalStorage.getFavStations ( ) [static]
```

Returns all favorite stations

Returns

The favoriteStation ArrayList

6.4.1.4 getSaveCheckedState()

```
static SaveCheckedState com.example.myapplication.GlobalStorage.getSaveCheckedState ( ) [static]
```

Returns the SaveCheckedState

Returns

saveCheckedState

6.4.1.5 setAllStations()

```
static void com.example.myapplication.GlobalStorage.setAllStations (  
    ArrayList< Ladestation > allStations ) [static]
```

Set all stations in global storage

Parameters

<i>allStations</i>	The ArrayList to set the stations in Global Storage to
--------------------	--

6.4.1.6 setDefStations()

```
static void com.example.myapplication.GlobalStorage.setDefStations (
    ArrayList< Integer > defStations ) [static]
```

6.4.1.7 setFavStations()

```
static void com.example.myapplication.GlobalStorage.setFavStations (
    ArrayList< Integer > favStations ) [static]
```

Sets the favorite stations in Global Storage to the passed ArrayList

Parameters

<i>favStations</i>	the ArrayList to set the Global Storage's array list to.
--------------------	--

6.4.1.8 setSaveCheckedState()

```
static void com.example.myapplication.GlobalStorage.setSaveCheckedState (
    SaveCheckedState saveCheckedState ) [static]
```

Sets the [GlobalStorage](#)'s [SaveCheckedState](#)

Parameters

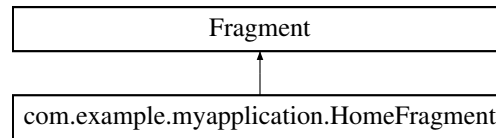
<i>saveCheckedState</i>	the state to set the checkedState to
-------------------------	--------------------------------------

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

- [app/src/main/java/com/example/myapplication/GlobalStorage.java](#)

6.5 com.example.myapplication.HomeFragment Class Reference

Inheritance diagram for com.example.myapplication.HomeFragment:



Public Member Functions

- View [onCreateView](#) (@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState)

6.5.1 Member Function Documentation

6.5.1.1 onCreateView()

```
View com.example.myapplication.HomeFragment.onCreateView (
    @NonNull LayoutInflater inflater,
    @Nullable ViewGroup container,
    @Nullable Bundle savedInstanceState )
```

Parameters

<i>inflater</i>	The inflater inflates
<i>container</i>	The container contains
<i>savedInstanceState</i>	The savedInstanceState saves the Instance state

Returns

Returns the View

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

- app/src/main/java/com/example/myapplication/[HomeFragment.java](#)

6.6 com.example.myapplication.Ladestation Class Reference

Classes

- enum [ModuleType](#)
- enum [PlugType](#)

Public Member Functions

- String [getOperator](#) ()
- String [getStreet](#) ()
- String [getNumber](#) ()
- String [getAdditional](#) ()
- int [getPostalCode](#) ()
- String [getLocation](#) ()
- String [getState](#) ()
- String [getArea](#) ()
- float [getLat](#) ()
- float [getLon](#) ()
- String [getInstallationDate](#) ()
- float [getConnPower](#) ()
- [ModuleType](#) [getModuleType](#) ()
- int [getNumberOfConnections](#) ()
- List< [PlugType](#) > [getPlugTypes_1](#) ()
- float [getPower_1](#) ()
- String [getPublicKey_1](#) ()
- List< [PlugType](#) > [getPlugTypes_2](#) ()
- float [getPower_2](#) ()
- String [getPublicKey_2](#) ()
- List< [PlugType](#) > [getPlugTypes_3](#) ()
- float [getPower_3](#) ()
- String [getPublicKey_3](#) ()
- List< [PlugType](#) > [getPlugTypes_4](#) ()
- float [getPower_4](#) ()
- String [getPublicKey_4](#) ()

Public Attributes

- int [id](#)

6.6.1 Member Function Documentation

6.6.1.1 [getAdditional\(\)](#)

```
String com.example.myapplication.Ladestation.getAdditional ( )
```

Getter for additional

Returns

additional

6.6.1.2 `getArea()`

```
String com.example.myapplication.Ladestation.getArea ( )
```

Getter for area

Returns

area

6.6.1.3 `getConnPower()`

```
float com.example.myapplication.Ladestation.getConnPower ( )
```

Getter for conn_power

Returns

conn_power

6.6.1.4 `getInstallationDate()`

```
String com.example.myapplication.Ladestation.getInstallationDate ( )
```

Getter for installation_date

Returns

installation_date

6.6.1.5 `getLat()`

```
float com.example.myapplication.Ladestation.getLat ( )
```

Getter for lat

Returns

lat

6.6.1.6 getLocation()

```
String com.example.myapplication.Ladestation.getLocation ( )
```

Getter for location

Returns

location

6.6.1.7 getLon()

```
float com.example.myapplication.Ladestation.getLon ( )
```

Getter for lon

Returns

lon

6.6.1.8 getModuleType()

```
ModuleType com.example.myapplication.Ladestation.getModuleType ( )
```

Getter for module_type

Returns

module_type

6.6.1.9 getNumber()

```
String com.example.myapplication.Ladestation.getNumber ( )
```

Getter for number

Returns

number

6.6.1.10 getNumberOfConnections()

```
int com.example.myapplication.Ladestation.getNumberOfConnections ( )
```

Getter for number_of_connections

Returns

number_of_connections

6.6.1.11 getOperator()

```
String com.example.myapplication.Ladestation.getOperator ( )
```

Getter for operator

Returns

operator

6.6.1.12 getPlugTypes_1()

```
List< PlugType > com.example.myapplication.Ladestation.getPlugTypes_1 ( )
```

Getter for plug_types_1

Returns

plug_types_1

6.6.1.13 getPlugTypes_2()

```
List< PlugType > com.example.myapplication.Ladestation.getPlugTypes_2 ( )
```

Getter for plug_types_2

Returns

plug_types_2

6.6.1.14 getPlugTypes_3()

```
List< PlugType > com.example.myapplication.Ladestation.getPlugTypes_3 ( )
```

Getter for plug_types_3

Returns

plug_types_3

6.6.1.15 getPlugTypes_4()

```
List< PlugType > com.example.myapplication.Ladestation.getPlugTypes_4 ( )
```

Getter for plug_types_4

Returns

plug_types_4

6.6.1.16 getPostalCode()

```
int com.example.myapplication.Ladestation.getPostalCode ( )
```

Getter for postal_code

Returns

postal_code

6.6.1.17 getPower_1()

```
float com.example.myapplication.Ladestation.getPower_1 ( )
```

Getter for power_1

Returns

power_1

6.6.1.18 getPower_2()

```
float com.example.myapplication.Ladestation.getPower_2 ( )
```

Getter for power_2

Returns

power_2

6.6.1.19 getPower_3()

```
float com.example.myapplication.Ladestation.getPower_3 ( )
```

Getter for power_3

Returns

power_3

6.6.1.20 getPower_4()

```
float com.example.myapplication.Ladestation.getPower_4 ( )
```

Getter for power_4

Returns

power_4

6.6.1.21 getPublicKey_1()

```
String com.example.myapplication.Ladestation.getPublicKey_1 ( )
```

Getter for public_key_1

Returns

public_key_1

6.6.1.22 `getPublicKey_2()`

```
String com.example.myapplication.Ladestation.getPublicKey_2 ( )
```

Getter for public_key_2

Returns

public_key_2

6.6.1.23 `getPublicKey_3()`

```
String com.example.myapplication.Ladestation.getPublicKey_3 ( )
```

Getter for public_key_3

Returns

public_key_3

6.6.1.24 `getPublicKey_4()`

```
String com.example.myapplication.Ladestation.getPublicKey_4 ( )
```

Getter for public_key_4

Returns

public_key_4

6.6.1.25 `getState()`

```
String com.example.myapplication.Ladestation.getState ( )
```

Getter for location

Returns

location

6.6.1.26 `getStreet()`

```
String com.example.myapplication.Ladestation.getStreet ( )
```

Getter for Street

Returns

street

6.6.2 Member Data Documentation

6.6.2.1 `id`

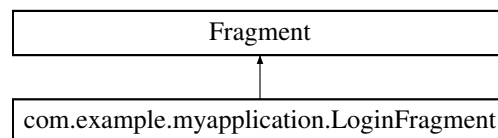
```
int com.example.myapplication.Ladestation.id
```

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

- `app/src/main/java/com/example/myapplication/Ladestation.java`

6.7 `com.example.myapplication.LoginFragment` Class Reference

Inheritance diagram for `com.example.myapplication.LoginFragment`:



Public Member Functions

- View `onCreateView` (@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState)

6.7.1 Member Function Documentation

6.7.1.1 `onCreateView()`

```
View com.example.myapplication.LoginFragment.onCreateView (
    @NonNull LayoutInflater inflater,
    @Nullable ViewGroup container,
    @Nullable Bundle savedInstanceState )
```

Parameters

<i>inflater</i>	
<i>container</i>	
<i>savedInstanceState</i>	

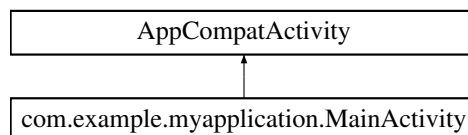
Returns

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

- app/src/main/java/com/example/myapplication/[LoginFragment.java](#)

6.8 com.example.myapplication.MainActivity Class Reference

Inheritance diagram for com.example.myapplication.MainActivity:



Static Public Member Functions

- static `NavigationBarView` [getBottomNav](#) ()

Static Public Attributes

- static boolean [onServiceFragment](#) = false
- static `LatLng` [userLocation](#) = new `LatLng`(49.872768, 8.651180)

Protected Member Functions

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

6.8.1 Member Function Documentation

6.8.1.1 getBottomNav()

```
static NavigationBarView com.example.myapplication.MainActivity.getBottomNav ( ) [static]
```

6.8.1.2 onCreate()

```
void com.example.myapplication.MainActivity.onCreate (
    Bundle savedInstanceState ) [protected]
```

Function triggers on create

Parameters

<i>savedInstanceState</i>	
---------------------------	--

6.8.2 Member Data Documentation

6.8.2.1 onServiceFragment

```
boolean com.example.myapplication.MainActivity.onServiceFragment = false [static]
```

6.8.2.2 userLocation

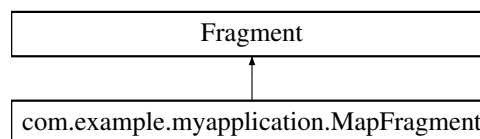
```
LatLng com.example.myapplication.MainActivity.userLocation = new LatLng(49.872768, 8.651180)  
[static]
```

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

- [app/src/main/java/com/example/myapplication/MainActivity.java](#)

6.9 com.example.myapplication.MapFragment Class Reference

Inheritance diagram for com.example.myapplication.MapFragment:



Public Member Functions

- View [onCreateView](#) (@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState)
- void [onConfigurationChanged](#) (@NonNull Configuration newConfig)

6.9.1 Member Function Documentation

6.9.1.1 onConfigurationChanged()

```
void com.example.myapplication.MapFragment.onConfigurationChanged (
    @NonNull Configuration newConfig )
```

6.9.1.2 onCreateView()

```
View com.example.myapplication.MapFragment.onCreateView (
    @NonNull LayoutInflater inflater,
    @Nullable ViewGroup container,
    @Nullable Bundle savedInstanceState )
```

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

- [app/src/main/java/com/example/myapplication/MapFragment.java](#)

6.10 com.example.myapplication.Ladestation.ModuleType Enum Reference

Public Attributes

- [SerializedName](#) =("Normalladeeinrichtung") STANDARD

6.10.1 Member Data Documentation

6.10.1.1 SerializedName

```
com.example.myapplication.Ladestation.ModuleType.SerializedName =("Normalladeeinrichtung")
STANDARD
```

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

- [app/src/main/java/com/example/myapplication/Ladestation.java](#)

6.11 com.example.myapplication.Ladestation.PlugType Enum Reference

Public Attributes

- [SerializedName](#) =("AC Steckdose Typ 2") AC_PLUG_TYPE_2

6.11.1 Member Data Documentation

6.11.1.1 SerializedName

```
com.example.myapplication.Ladestation.PlugType.SerializedName = ("AC Steckdose Typ 2") AC_↵  
PLUG_TYPE_2
```

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

- [app/src/main/java/com/example/myapplication/Ladestation.java](#)

6.12 com.example.myapplication.PopUpService Class Reference

Public Member Functions

- [PopUpService](#) (Context context, [StationAdapter](#) stationAdapter, [SaveCheckedState](#) saveCheckedState)

6.12.1 Constructor & Destructor Documentation

6.12.1.1 PopUpService()

```
com.example.myapplication.PopUpService.PopUpService (   
    Context context,   
    StationAdapter stationAdapter,   
    SaveCheckedState saveCheckedState )
```

Constructor

Parameters

<i>context</i>	The context
<i>stationAdapter</i>	the current station adapter
<i>saveCheckedState</i>	the savestate

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

- [app/src/main/java/com/example/myapplication/PopUpService.java](#)

6.13 com.example.myapplication.SaveCheckedState Class Reference

Public Member Functions

- [SaveCheckedState](#) ()
- boolean [isShowFavourites](#) ()
- void [setShowFavourites](#) (boolean showFavourites)
- boolean [isShowFastCharging](#) ()
- void [setShowFastCharging](#) (boolean showFastCharging)
- int [getSearchRange](#) ()
- void [setSearchRange](#) (int searchRange)

6.13.1 Constructor & Destructor Documentation

6.13.1.1 SaveCheckedState()

```
com.example.myapplication.SaveCheckedState.SaveCheckedState ( )
```

Constructor

6.13.2 Member Function Documentation

6.13.2.1 getSearchRange()

```
int com.example.myapplication.SaveCheckedState.getSearchRange ( )
```

Returns showFastCharging

Returns

showFastCharging

6.13.2.2 isShowFastCharging()

```
boolean com.example.myapplication.SaveCheckedState.isShowFastCharging ( )
```

Returns showFastCharging

Returns

showFastCharging

6.13.2.3 isShowFavourites()

```
boolean com.example.myapplication.SaveCheckedState.isShowFavourites ( )
```

Returns showFavourites

Returns

showFavourites

6.13.2.4 setSearchRange()

```
void com.example.myapplication.SaveCheckedState.setSearchRange (
    int searchRange )
```

Returns showFavourites

Returns

showFavourites

6.13.2.5 setShowFastCharging()

```
void com.example.myapplication.SaveCheckedState.setShowFastCharging (
    boolean showFastCharging )
```

Returns showFastCharging

Returns

showFastCharging

6.13.2.6 setShowFavourites()

```
void com.example.myapplication.SaveCheckedState.setShowFavourites (
    boolean showFavourites )
```

Returns showFavourites

Returns

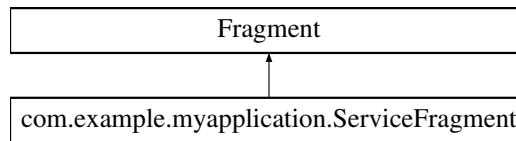
showFavourites

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

- [app/src/main/java/com/example/myapplication/SaveCheckedState.java](#)

6.14 com.example.myapplication.ServiceFragment Class Reference

Inheritance diagram for com.example.myapplication.ServiceFragment:



Public Member Functions

- View [onCreateView](#) (@NonNull LayoutInflater inflater, @Nullable ViewGroup container, @Nullable Bundle savedInstanceState)

6.14.1 Member Function Documentation

6.14.1.1 onCreateView()

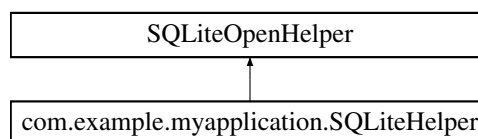
```
View com.example.myapplication.ServiceFragment.onCreateView (  
    @NonNull LayoutInflater inflater,  
    @Nullable ViewGroup container,  
    @Nullable Bundle savedInstanceState )
```

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

- app/src/main/java/com/example/myapplication/[ServiceFragment.java](#)

6.15 com.example.myapplication.SQLiteHelper Class Reference

Inheritance diagram for com.example.myapplication.SQLiteHelper:



Public Member Functions

- [SQLiteHelper](#) (Context context)
- void [onCreate](#) (SQLiteDatabase sqLiteDatabase)
- void [onUpgrade](#) (SQLiteDatabase sqLiteDatabase, int i, int i1)
- void [saveSingleFavoriteToDB](#) (int id)
- void [removeSingleFavoriteFromDB](#) (int id)
- ArrayList< Integer > [readFavouritesFromDB](#) ()
- void [saveSingleFlagToDB](#) (int id)
- ArrayList< Integer > [readFlagsFromDB](#) ()
- void [removeSingleReportFromDB](#) (int id)

Static Public Attributes

- static final String `DATABASE_NAME` = "database.db"
- static final String `FAVOURITE_TABLE_NAME` = "favourites"
- static final String `REPORTS_TABLE_NAME` = "reports"
- static final String `ATTRIBUTE_ID` = "ID"

6.15.1 Constructor & Destructor Documentation

6.15.1.1 SQLiteHelper()

```
com.example.myapplication.SQLiteHelper.SQLiteHelper (
    Context context )
```

Constructor

Parameters

<i>context</i>	
----------------	--

6.15.2 Member Function Documentation

6.15.2.1 onCreate()

```
void com.example.myapplication.SQLiteHelper.onCreate (
    SQLiteDatabase sqliteDatabase )
```

Creates the basic DB

Parameters

<i>sqliteDatabase</i>	the SQLiteDatabase
-----------------------	--------------------

6.15.2.2 onUpgrade()

```
void com.example.myapplication.SQLiteHelper.onUpgrade (
    SQLiteDatabase sqliteDatabase,
    int i,
    int i1 )
```

6.15.2.3 readFavouritesFromDB()

```
ArrayList< Integer > com.example.myapplication.SQLiteHelper.readFavouritesFromDB ( )
```

Returns the favorites as ArrayList

Returns

The favorites as ArrayList

6.15.2.4 readFlagsFromDB()

```
ArrayList< Integer > com.example.myapplication.SQLiteHelper.readFlagsFromDB ( )
```

Reads all reported stations from DB and returns as arrayList

Returns

the arrayList

6.15.2.5 removeSingleFavoriteFromDB()

```
void com.example.myapplication.SQLiteHelper.removeSingleFavoriteFromDB (
    int id )
```

Removes a single favorite from db

Parameters

<i>id</i>	the ladestation's ID
-----------	----------------------

6.15.2.6 removeSingleReportFromDB()

```
void com.example.myapplication.SQLiteHelper.removeSingleReportFromDB (
    int id )
```

Remove a single Report from DB

Parameters

<i>id</i>	The ladestations ID to remove the report from
-----------	---

6.15.2.7 saveSingleFavoriteToDB()

```
void com.example.myapplication.SQLiteHelper.saveSingleFavoriteToDB (
    int id )
```

Saves a single favorite to the database

Parameters

<i>id</i>	the ID of the ladestation to save as fav
-----------	--

6.15.2.8 saveSingleFlagToDB()

```
void com.example.myapplication.SQLiteHelper.saveSingleFlagToDB (
    int id )
```

Saves a single reported ladestations id to db

Parameters

<i>id</i>	The ID of the ladestation
-----------	---------------------------

6.15.3 Member Data Documentation

6.15.3.1 ATTRIBUTE_ID

```
final String com.example.myapplication.SQLiteHelper.ATTRIBUTE_ID = "ID" [static]
```

6.15.3.2 DATABASE_NAME

```
final String com.example.myapplication.SQLiteHelper.DATABASE_NAME = "database.db" [static]
```

6.15.3.3 FAVOURITE_TABLE_NAME

```
final String com.example.myapplication.SQLiteHelper.FAVOURITE_TABLE_NAME = "favourites" [static]
```


6.15.3.4 REPORTS_TABLE_NAME

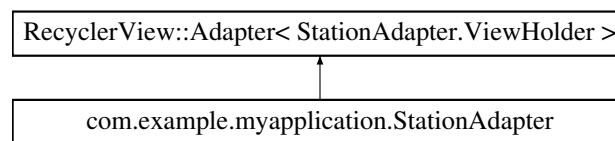
```
final String com.example.myapplication.SQLiteHelper.REPORTS_TABLE_NAME = "reports" [static]
```

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

- [app/src/main/java/com/example/myapplication/SQLiteHelper.java](#)

6.16 com.example.myapplication.StationAdapter Class Reference

Inheritance diagram for com.example.myapplication.StationAdapter:



Classes

- class [ViewHolder](#)

Public Member Functions

- [StationAdapter](#) (ArrayList< [Ladestation](#) > stationList, [SQLiteHelper](#) sqLiteHelper)
- [ViewHolder onCreateViewHolder](#) (@NonNull ViewGroup parent, int viewType)
- void [onBindViewHolder](#) (@NonNull [ViewHolder](#) holder, int position)
- int [getItemCount](#) ()
- void [toggleButtonRepWorker](#) ([Ladestation](#) ladestation, ImageButton button)
- void [setNewList](#) (ArrayList< [Ladestation](#) > newList)

6.16.1 Constructor & Destructor Documentation

6.16.1.1 StationAdapter()

```
com.example.myapplication.StationAdapter.StationAdapter (
    ArrayList< Ladestation > stationList,
    SQLiteHelper sqLiteHelper )
```

6.16.2 Member Function Documentation

6.16.2.1 getItemCount()

```
int com.example.myapplication.StationAdapter.getItemCount ( )
```

6.16.2.2 onBindViewHolder()

```
void com.example.myapplication.StationAdapter.onBindViewHolder (
    @NonNull ViewHolder holder,
    int position )
```

6.16.2.3 onCreateViewHolder()

```
ViewHolder com.example.myapplication.StationAdapter.onCreateViewHolder (
    @NonNull ViewGroup parent,
    int viewType )
```

6.16.2.4 setNewList()

```
void com.example.myapplication.StationAdapter.setNewList (
    ArrayList< Ladestation > newList )
```

Sets the stationList to new list

Parameters

<i>newList</i>	The new station list
----------------	----------------------

6.16.2.5 toggleButtonRepWorker()

```
void com.example.myapplication.StationAdapter.toggleButtonRepWorker (
    Ladestation ladestation,
    ImageButton button )
```

Does the same as toggleButtonRep, but allows the worker to "repair" the station

Parameters

<i>ladestation</i>	The ladestation to repair
<i>button</i>	The button (the button, button)

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

- [app/src/main/java/com/example/myapplication/StationAdapter.java](#)

6.17 com.example.myapplication.StationAPI Class Reference

Static Public Member Functions

- static [SQLiteHelper](#) [getSQLiteHelper](#) ()
- static void [initialize](#) (Context context)
- static ArrayList< [Ladestation](#) > [sort](#) (ArrayList< [Ladestation](#) > stationsList, double lat, final double lon, final int range)
- static ArrayList< [Ladestation](#) > [getProximityStations](#) (ArrayList< [Ladestation](#) > stationsList, double lat1, double lon1, int dist)

6.17.1 Member Function Documentation

6.17.1.1 getProximityStations()

```
static ArrayList< Ladestation > com.example.myapplication.StationAPI.getProximityStations (
    ArrayList< Ladestation > stationsList,
    double lat1,
    double lon1,
    int dist ) [static]
```

Returns only the nearby stations, given 2 coordinates and distance

Parameters

<i>stationsList</i>	The station list
<i>lat1</i>	the coordinate to use as center
<i>lon1</i>	the coordinate to use as center
<i>dist</i>	the distance

Returns

the array of Ladestationen in range

6.17.1.2 getSQLiteHelper()

```
static SQLiteHelper com.example.myapplication.StationAPI.getSQLiteHelper ( ) [static]
```

6.17.1.3 initialize()

```
static void com.example.myapplication.StationAPI.initialize (  
    Context context ) [static]
```

Initializes the Station API with default values

Parameters

<i>context</i>	
----------------	--

6.17.1.4 sort()

```
static ArrayList< Ladestation > com.example.myapplication.StationAPI.sort (  
    ArrayList< Ladestation > stationsList,  
    double lat,  
    final double lon,  
    final int range ) [static]
```

Sorts the array list by distance

Parameters

<i>stationsList</i>	
<i>lat</i>	
<i>lon</i>	
<i>range</i>	

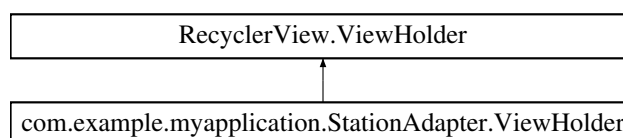
Returns

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

- [app/src/main/java/com/example/myapplication/StationAPI.java](#)

6.18 com.example.myapplication.StationAdapter.ViewHolder Class Reference

Inheritance diagram for com.example.myapplication.StationAdapter.ViewHolder:



Public Member Functions

- [ViewHolder](#) (View itemView)

Public Attributes

- TextView [stationTextTop](#)
- TextView [stationTextCenter](#)
- TextView [stationTextBottom](#)
- ImageButton [favouriteButton](#)
- ImageButton [reportButton](#)
- int [stationID](#)

6.18.1 Constructor & Destructor Documentation

6.18.1.1 ViewHolder()

```
com.example.myapplication.StationAdapter.ViewHolder.ViewHolder (
    View itemView )
```

6.18.2 Member Data Documentation

6.18.2.1 favouriteButton

```
ImageButton com.example.myapplication.StationAdapter.ViewHolder.favouriteButton
```

6.18.2.2 reportButton

```
ImageButton com.example.myapplication.StationAdapter.ViewHolder.reportButton
```

6.18.2.3 stationID

```
int com.example.myapplication.StationAdapter.ViewHolder.stationID
```

6.18.2.4 stationTextBottom

`TextView com.example.myapplication.StationAdapter.ViewHolder.stationTextBottom`

6.18.2.5 stationTextCenter

`TextView com.example.myapplication.StationAdapter.ViewHolder.stationTextCenter`

6.18.2.6 stationTextTop

`TextView com.example.myapplication.StationAdapter.ViewHolder.stationTextTop`

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

- [app/src/main/java/com/example/myapplication/StationAdapter.java](#)

Chapter 7

File Documentation

7.1 `app/build/generated/source/build↔ Config/debug/com/example/myapplication/BuildConfig.java` File Reference

Classes

- class [com.example.myapplication.BuildConfig](#)

Packages

- package [com.example.myapplication](#)

7.2 `app/build/generated/source/build↔ Config/release/com/example/myapplication/BuildConfig.java` File Reference

Classes

- class [com.example.myapplication.BuildConfig](#)

Packages

- package [com.example.myapplication](#)

7.3 `app/src/main/java/com/example/myapplication/DownloadThread.java` File Reference

Classes

- class [com.example.myapplication.DownloadThread](#)

Packages

- package [com.example.myapplication](#)

7.4 [app/src/main/java/com/example/myapplication/GlobalStorage.java](#) File Reference

Classes

- class [com.example.myapplication.GlobalStorage](#)

Packages

- package [com.example.myapplication](#)

7.5 [app/src/main/java/com/example/myapplication/HomeFragment.java](#) File Reference

Classes

- class [com.example.myapplication.HomeFragment](#)

Packages

- package [com.example.myapplication](#)

7.6 [app/src/main/java/com/example/myapplication/Ladestation.java](#) File Reference

Classes

- class [com.example.myapplication.Ladestation](#)
- enum [com.example.myapplication.Ladestation.PlugType](#)
- enum [com.example.myapplication.Ladestation.ModuleType](#)

Packages

- package [com.example.myapplication](#)

7.7 app/src/main/java/com/example/myapplication/LoginFragment.java File Reference

Classes

- class [com.example.myapplication.LoginFragment](#)

Packages

- package [com.example.myapplication](#)

7.8 app/src/main/java/com/example/myapplication/MainActivity.java File Reference

Classes

- class [com.example.myapplication.MainActivity](#)

Packages

- package [com.example.myapplication](#)

7.9 app/src/main/java/com/example/myapplication/MapFragment.java File Reference

Classes

- class [com.example.myapplication.MapFragment](#)

Packages

- package [com.example.myapplication](#)

7.10 app/src/main/java/com/example/myapplication/PopUpService.java File Reference

Classes

- class [com.example.myapplication.PopUpService](#)

Packages

- package [com.example.myapplication](#)

7.11 [app/src/main/java/com/example/myapplication/SaveCheckedState.java](#) File Reference

Classes

- class [com.example.myapplication.SaveCheckedState](#)

Packages

- package [com.example.myapplication](#)

7.12 [app/src/main/java/com/example/myapplication/ServiceFragment.java](#) File Reference

Classes

- class [com.example.myapplication.ServiceFragment](#)

Packages

- package [com.example.myapplication](#)

7.13 [app/src/main/java/com/example/myapplication/SQLiteHelper.java](#) File Reference

Classes

- class [com.example.myapplication.SQLiteHelper](#)

Packages

- package [com.example.myapplication](#)

7.14 [app/src/main/java/com/example/myapplication/StationAdapter.java](#) File Reference

Classes

- class [com.example.myapplication.StationAdapter](#)
- class [com.example.myapplication.StationAdapter.ViewHolder](#)

Packages

- package [com.example.myapplication](#)

7.15 app/src/main/java/com/example/myapplication/StationAPI.java File Reference

Classes

- class [com.example.myapplication.StationAPI](#)

Packages

- package [com.example.myapplication](#)

7.16 app/src/test/java/com/example/myapplication/ExampleUnitTest.java File Reference

Classes

- class [com.example.myapplication.ExampleUnitTest](#)

Packages

- package [com.example.myapplication](#)

Index

addition_isCorrect
 com.example.myapplication.ExampleUnitTest, 13
app/build/generated/source/buildConfig/debug/com/example/myapplication/BuildConfig.java, 41
app/build/generated/source/buildConfig/release/com/example/myapplication/BuildConfig.java, 41
app/src/main/java/com/example/myapplication/DownloadThread.java, 41
app/src/main/java/com/example/myapplication/GlobalStorage.java, 42
app/src/main/java/com/example/myapplication/HomeFragment.java, 42
app/src/main/java/com/example/myapplication/Ladestation.java, 42
app/src/main/java/com/example/myapplication/LoginFragment.java, 43
app/src/main/java/com/example/myapplication/MainActivity.java, 43
app/src/main/java/com/example/myapplication/MapFragment.java, 43
app/src/main/java/com/example/myapplication/PopUpService.java, 43
app/src/main/java/com/example/myapplication/SaveCheckedState.java, 44
app/src/main/java/com/example/myapplication/ServiceFragment.java, 44
app/src/main/java/com/example/myapplication/SQLiteHelper.java, 44
app/src/main/java/com/example/myapplication/StationAdapter.java, 44
app/src/main/java/com/example/myapplication/StationAPI.java, 45
app/src/test/java/com/example/myapplication/ExampleUnitTest.java, 45
APPLICATION_ID
 com.example.myapplication.BuildConfig, 11
ATTRIBUTE_ID
 com.example.myapplication.SQLiteHelper, 34
BUILD_TYPE
 com.example.myapplication.BuildConfig, 11
com.example.myapplication, 9
com.example.myapplication.BuildConfig, 11
 APPLICATION_ID, 11
 BUILD_TYPE, 11
 DEBUG, 11
 VERSION_CODE, 11
 VERSION_NAME, 12
com.example.myapplication.DownloadThread, 12
getStations, 12
run, 12
com.example.myapplication.ExampleUnitTest, 13
 addition_isCorrect, 13
com.example.myapplication.GlobalStorage, 13
 getAllStations, 14
 getDefStations, 14
 getFavStations, 14
 getSaveCheckedState, 14
 setAllStations, 14
 setDefStations, 15
 setFavStations, 15
 setSaveCheckedState, 15
com.example.myapplication.HomeFragment, 15
 onCreateView, 16
com.example.myapplication.Ladestation, 16
 getAdditional, 17
 getArea, 17
 getConnPower, 18
 getInstallationDate, 18
 getLat, 18
 getLocation, 18
 getJava, 19
 getModuleType, 19
 getNumber, 19
 getNumberOfConnections, 19
 getOperator, 20
 getPlugTypes_1, 20
 getPlugTypes_2, 20
 getPlugTypes_3, 20
 getPlugTypes_4, 21
 getPostalCode, 21
 getPower_1, 21
 getPower_2, 21
 getPower_3, 22
 getPower_4, 22
 getPublicKey_1, 22
 getPublicKey_2, 22
 getPublicKey_3, 23
 getPublicKey_4, 23
 getState, 23
 getStreet, 23
 id, 24
com.example.myapplication.Ladestation.ModuleType, 27
 SerializedName, 27
com.example.myapplication.Ladestation.PlugType, 27
 SerializedName, 28
com.example.myapplication.LoginFragment, 24

- onCreateView, 24
- com.example.myapplication.MainActivity, 25
 - getBottomNav, 25
 - onCreate, 25
 - onServiceFragment, 26
 - userLocation, 26
- com.example.myapplication.MapFragment, 26
 - onConfigurationChanged, 26
 - onCreateView, 27
- com.example.myapplication.PopUpService, 28
 - PopUpService, 28
- com.example.myapplication.SaveCheckedState, 29
 - getSearchRange, 29
 - isShowFastCharging, 29
 - isShowFavourites, 29
 - SaveCheckedState, 29
 - setSearchRange, 30
 - setShowFastCharging, 30
 - setShowFavourites, 30
- com.example.myapplication.ServiceFragment, 31
 - onCreateView, 31
- com.example.myapplication.SQLiteHelper, 31
 - ATTRIBUTE_ID, 34
 - DATABASE_NAME, 34
 - FAVOURITE_TABLE_NAME, 34
 - onCreate, 32
 - onUpgrade, 32
 - readFavouritesFromDB, 32
 - readFlagsFromDB, 33
 - removeSingleFavoriteFromDB, 33
 - removeSingleReportFromDB, 33
 - REPORTS_TABLE_NAME, 34
 - saveSingleFavoriteToDB, 34
 - saveSingleFlagToDB, 34
 - SQLiteHelper, 32
- com.example.myapplication.StationAdapter, 35
 - getItemCount, 35
 - onBindViewHolder, 36
 - onCreateViewHolder, 36
 - setNewList, 36
 - StationAdapter, 35
 - toggleButtonRepWorker, 36
- com.example.myapplication.StationAdapter.ViewHolder, 38
 - favouriteButton, 39
 - reportButton, 39
 - stationID, 39
 - stationTextBottom, 39
 - stationTextCenter, 40
 - stationTextTop, 40
 - ViewHolder, 39
- com.example.myapplication.StationAPI, 37
 - getProximityStations, 37
 - getSQLiteHelper, 37
 - initialize, 37
 - sort, 38
- DATABASE_NAME
 - com.example.myapplication.SQLiteHelper, 34
- DEBUG
 - com.example.myapplication.BuildConfig, 11
- FAVOURITE_TABLE_NAME
 - com.example.myapplication.SQLiteHelper, 34
- favouriteButton
 - com.example.myapplication.StationAdapter.ViewHolder, 39
- getAdditional
 - com.example.myapplication.Ladestation, 17
- getAllStations
 - com.example.myapplication.GlobalStorage, 14
- getArea
 - com.example.myapplication.Ladestation, 17
- getBottomNav
 - com.example.myapplication.MainActivity, 25
- getConnPower
 - com.example.myapplication.Ladestation, 18
- getDefStations
 - com.example.myapplication.GlobalStorage, 14
- getFavStations
 - com.example.myapplication.GlobalStorage, 14
- getInstallationDate
 - com.example.myapplication.Ladestation, 18
- getItemCount
 - com.example.myapplication.StationAdapter, 35
- getLat
 - com.example.myapplication.Ladestation, 18
- getLocation
 - com.example.myapplication.Ladestation, 18
- getLon
 - com.example.myapplication.Ladestation, 19
- getModuleType
 - com.example.myapplication.Ladestation, 19
- getNumber
 - com.example.myapplication.Ladestation, 19
- getNumberOfConnections
 - com.example.myapplication.Ladestation, 19
- getOperator
 - com.example.myapplication.Ladestation, 20
- getPlugTypes_1
 - com.example.myapplication.Ladestation, 20
- getPlugTypes_2
 - com.example.myapplication.Ladestation, 20
- getPlugTypes_3
 - com.example.myapplication.Ladestation, 20
- getPlugTypes_4
 - com.example.myapplication.Ladestation, 21
- getPostalCode
 - com.example.myapplication.Ladestation, 21
- getPower_1
 - com.example.myapplication.Ladestation, 21
- getPower_2
 - com.example.myapplication.Ladestation, 21
- getPower_3
 - com.example.myapplication.Ladestation, 22
- getPower_4
 - com.example.myapplication.Ladestation, 22

- getProximityStations
 - com.example.myapplication.StationAPI, [37](#)
- getPublicKey_1
 - com.example.myapplication.Ladestation, [22](#)
- getPublicKey_2
 - com.example.myapplication.Ladestation, [22](#)
- getPublicKey_3
 - com.example.myapplication.Ladestation, [23](#)
- getPublicKey_4
 - com.example.myapplication.Ladestation, [23](#)
- getSaveCheckedState
 - com.example.myapplication.GlobalStorage, [14](#)
- getSearchRange
 - com.example.myapplication.SaveCheckedState, [29](#)
- getSQLiteHelper
 - com.example.myapplication.StationAPI, [37](#)
- getState
 - com.example.myapplication.Ladestation, [23](#)
- getStations
 - com.example.myapplication.DownloadThread, [12](#)
- getStreet
 - com.example.myapplication.Ladestation, [23](#)
- id
 - com.example.myapplication.Ladestation, [24](#)
- initialize
 - com.example.myapplication.StationAPI, [37](#)
- isShowFastCharging
 - com.example.myapplication.SaveCheckedState, [29](#)
- isShowFavourites
 - com.example.myapplication.SaveCheckedState, [29](#)
- onBindViewHolder
 - com.example.myapplication.StationAdapter, [36](#)
- onConfigurationChanged
 - com.example.myapplication.MapFragment, [26](#)
- onCreate
 - com.example.myapplication.MainActivity, [25](#)
 - com.example.myapplication.SQLiteHelper, [32](#)
- onCreateView
 - com.example.myapplication.HomeFragment, [16](#)
 - com.example.myapplication.LoginFragment, [24](#)
 - com.example.myapplication.MapFragment, [27](#)
 - com.example.myapplication.ServiceFragment, [31](#)
- onCreateViewHolder
 - com.example.myapplication.StationAdapter, [36](#)
- onServiceFragment
 - com.example.myapplication.MainActivity, [26](#)
- onUpgrade
 - com.example.myapplication.SQLiteHelper, [32](#)
- PopUpService
 - com.example.myapplication.PopUpService, [28](#)
- readFavouritesFromDB
 - com.example.myapplication.SQLiteHelper, [32](#)
- readFlagsFromDB
 - com.example.myapplication.SQLiteHelper, [33](#)
- removeSingleFavoriteFromDB
 - com.example.myapplication.SQLiteHelper, [33](#)
- removeSingleReportFromDB
 - com.example.myapplication.SQLiteHelper, [33](#)
- reportButton
 - com.example.myapplication.StationAdapter.ViewHolder, [39](#)
- REPORTS_TABLE_NAME
 - com.example.myapplication.SQLiteHelper, [34](#)
- run
 - com.example.myapplication.DownloadThread, [12](#)
- SaveCheckedState
 - com.example.myapplication.SaveCheckedState, [29](#)
- saveSingleFavoriteToDB
 - com.example.myapplication.SQLiteHelper, [34](#)
- saveSingleFlagToDB
 - com.example.myapplication.SQLiteHelper, [34](#)
- SerializedName
 - com.example.myapplication.Ladestation.ModuleType, [27](#)
 - com.example.myapplication.Ladestation.PlugType, [28](#)
- setAllStations
 - com.example.myapplication.GlobalStorage, [14](#)
- setDefStations
 - com.example.myapplication.GlobalStorage, [15](#)
- setFavStations
 - com.example.myapplication.GlobalStorage, [15](#)
- setNewList
 - com.example.myapplication.StationAdapter, [36](#)
- setSaveCheckedState
 - com.example.myapplication.GlobalStorage, [15](#)
- setSearchRange
 - com.example.myapplication.SaveCheckedState, [30](#)
- setShowFastCharging
 - com.example.myapplication.SaveCheckedState, [30](#)
- setShowFavourites
 - com.example.myapplication.SaveCheckedState, [30](#)
- sort
 - com.example.myapplication.StationAPI, [38](#)
- SQLiteHelper
 - com.example.myapplication.SQLiteHelper, [32](#)
- StationAdapter
 - com.example.myapplication.StationAdapter, [35](#)
- stationID
 - com.example.myapplication.StationAdapter.ViewHolder, [39](#)
- stationTextBottom
 - com.example.myapplication.StationAdapter.ViewHolder, [39](#)
- stationTextCenter

