

# RemoteClient

1.2

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# Chapter 1

## Namespace Index

### 1.1 Packages

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

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## Chapter 2

# Class Index

### 2.1 Class List

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

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## Chapter 3

# File Index

### 3.1 File List

Here is a list of all documented files with brief descriptions:

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## Chapter 4

# Namespace Documentation

### 4.1 Package de.tuchemnitz.remoteclient

#### Classes

- class [BuildConfig](#)
- class [R](#)
- class [BewegungActivity](#)
- class [CallbacksSplit](#)
- class [ConfigActivity](#)
- class [MainActivity](#)
- class **EventCallback**
- class **RobotInformation**
- class [NetworkModule](#)
- class **NetworkThread**
- class [SettingActivity](#)
- class [SpecialsActivity](#)
- class [SprachausgabeActivity](#)
- class [VideoModule](#)
- class **VideoThread**

#### 4.1.1 Detailed Description

Automatically generated file. DO NOT MODIFY





## Chapter 5

# Class Documentation

### 5.1 de.tuchemnitz.remoteclient.BewegungActivity Class Reference

Inherits SherlockActivity.

#### Public Member Functions

- void **onDestroy** ()
- boolean [onCreateOptionsMenu](#) (Menu menu)
- boolean [onOptionsItemSelected](#) (MenuItem item)
- void [bew\\_button1\\_event](#) (View view)
- void [bew\\_button2\\_event](#) (View view)
- void [bew\\_button3\\_event](#) (View view)
- void [bew\\_button4\\_event](#) (View view)
- void [bew\\_button5\\_event](#) (View view)
- void [setActBarBatteryIcon](#) (Drawable pic)
- void [setActBarConnectIcon](#) ()
- boolean [dispatchTouchEvent](#) (MotionEvent event)

#### Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)
- void **onResume** ()
- void **onPause** ()

#### Private Member Functions

- void [setListeners](#) ()

#### Private Attributes

- RadioGroup **bewart\_radiogroup1**
- RadioGroup **bewart\_radiogroup2**
- RadioGroup **bewart\_radiogroupA**
- OnCheckedChangeListener **Grp1Listener** = null
- OnCheckedChangeListener **Grp2Listener** = null
- MenuItem **BatteryIcon** = null
- MenuItem **ConnectIcon** = null

- float **gesture\_xa**
- int **displayWidth** = 1
- int **displayHeight** = 1

### Static Private Attributes

- static int **bewegungsart** = R.id.bewa\_rbutton\_LAUFEN

## 5.1.1 Member Function Documentation

### 5.1.1.1 void de.tuchemnitz.remoteclient.BewegungActivity.bew\_button1\_event ( View view )

Functionality for the Arrow-Up-Button

#### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

Depending on what is chosen by the radiobuttons the function makes the Networkmodule send a command to the robot to rise the head, one of the arms or to walk forward

### 5.1.1.2 void de.tuchemnitz.remoteclient.BewegungActivity.bew\_button2\_event ( View view )

Functionality for the Arrow-Left-Button

#### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

Depending on what is chosen by the radiobuttons the function makes the Networkmodule send a command to the robot to turn the head left, move one arm left or makes the feet turn the robot left

### 5.1.1.3 void de.tuchemnitz.remoteclient.BewegungActivity.bew\_button3\_event ( View view )

Functionality for the Arrow-Right-Button

#### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

Depending on what is chosen by the radiobuttons the function makes the Networkmodule send a command to the robot to turn the head right, move one arm right or makes the feet turn the robot right

### 5.1.1.4 void de.tuchemnitz.remoteclient.BewegungActivity.bew\_button4\_event ( View view )

Functionality for the Arrow-Down-Button

#### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

Depending on what is chosen by the radiobuttons the function makes the Networkmodule send a command to the robot to lower the head, lower one of the arms or to walk backward

5.1.1.5 void de.tuchemnitz.remoteclient.BewegungActivity.bew\_button5\_event ( View *view* )

Functionality for the STOP-Button

Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

By pressing this Button a STOP signal is send and cancels every action of the robot

5.1.1.6 boolean de.tuchemnitz.remoteclient.BewegungActivity.dispatchTouchEvent ( MotionEvent *event* )

Modify the touchlistener for the whole activity to accept a selfdefined wipegesture This wipe gesture is for changing to another activity with a wipe movement

5.1.1.7 void de.tuchemnitz.remoteclient.BewegungActivity.onCreate ( Bundle *savedInstanceState* ) [protected]

Loads/sets up the Activity layout and registers the callback.

5.1.1.8 boolean de.tuchemnitz.remoteclient.BewegungActivity.onCreateOptionsMenu ( Menu *menu* )

Loads ActionBar, enables Back button and gets and refreshes Battery and Connection Icons.

5.1.1.9 boolean de.tuchemnitz.remoteclient.BewegungActivity.onOptionsItemSelected ( MenuItem *item* )

Handles option menu clicks. Shows other activities or closes the application.

5.1.1.10 void de.tuchemnitz.remoteclient.BewegungActivity.setActionBarBatteryIcon ( Drawable *pic* )

Sets the Battery Icon in the ActionBar.

Parameters

<i>pic</i>	Drawable of the Battery Icon
------------	------------------------------

5.1.1.11 void de.tuchemnitz.remoteclient.BewegungActivity.setActionBarConnectIcon ( )

Refreshes the ActionBar's network state icon.

5.1.1.12 void de.tuchemnitz.remoteclient.BewegungActivity.setListeners ( ) [private]

Creates and initialise the listener-functions for Radiobuttons

This function is used from the onCreate-function of this activity

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

- /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/BewegungActivity.java

## 5.2 de.tuchemnitz.remoteclient.BuildConfig Class Reference

## Static Public Attributes

- static final boolean **DEBUG** = true

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

- /home/riko/workspace/remoteclient/gen/de/tuchemnitz/remoteclient/BuildConfig.java

## 5.3 de.tuchemnitz.remoteclient.Callbacksplit Class Reference

### Static Public Member Functions

- static void [registerMainActivity](#) ([MainActivity](#) act)
- static [MainActivity](#) [getMainActivity](#) ()
- static void [registerConfigActivity](#) ([ConfigActivity](#) act)
- static [ConfigActivity](#) [getConfigActivity](#) ()
- static void [registerSettingActivity](#) ([SettingActivity](#) act)
- static [SettingActivity](#) [getSettingActivity](#) ()
- static void [registerBewegungActivity](#) ([BewegungActivity](#) act)
- static [BewegungActivity](#) [getBewegungActivity](#) ()
- static void [registerSpecialsActivity](#) ([SpecialsActivity](#) act)
- static [SpecialsActivity](#) [getSpecialsActivity](#) ()
- static void [registerSprachausgabeActivity](#) ([SprachausgabeActivity](#) act)
- static [SprachausgabeActivity](#) [getSprachausgabeActivity](#) ()
- static void [setActiveActivity](#) (Activity aact)
- static void [unsetActiveActivity](#) ()
- static void [showConnectionLostDialog](#) ()
- static void [saveBatteryStatelcon](#) (Drawable bat)
- static Drawable [getsavedBatteryStatelcon](#) ()
- static void [setActBarBatteryIcon](#) (Drawable batt\_icon\_r)
- static void [setActBarConnectIcon](#) ()

### Static Private Attributes

- static [MainActivity](#) **MainAct** = null
  - static [ConfigActivity](#) **ConfAct** = null
  - static [SettingActivity](#) **SetAct** = null
  - static [BewegungActivity](#) **BewgAct** = null
  - static [SpecialsActivity](#) **SpecAct** = null
  - static [SprachausgabeActivity](#) **SpakAct** = null
  - static Activity **active\_Activity** = null
  - static Drawable **BatteryState** = null
- remembers the last picture for battery level suitable to last fill level*

### 5.3.1 Member Function Documentation

#### 5.3.1.1 static [BewegungActivity](#) de.tuchemnitz.remoteclient.Callbacksplit.getBewegungActivity ( ) [static]

Returns the current [BewegungActivity](#) instance.

#### Returns

current registered [BewegungActivity](#) instance

#### 5.3.1.2 static **ConfigActivity** de.tuchemnitz.remoteclient.Callbacksplit.getConfigActivity ( ) [static]

Returns the current **ConfigActivity** instance.

##### Returns

current registered **ConfigActivity** instance

#### 5.3.1.3 static **MainActivity** de.tuchemnitz.remoteclient.Callbacksplit.getMainActivity ( ) [static]

Returns the current **MainActivity** instance.

##### Returns

current registered **MainActivity** instance

#### 5.3.1.4 static **Drawable** de.tuchemnitz.remoteclient.Callbacksplit.getsavedBatteryStateIcon ( ) [static]

Returns the saved Battery State Icon.

##### Returns

Drawable of the saved Battery State Icon

#### 5.3.1.5 static **SettingActivity** de.tuchemnitz.remoteclient.Callbacksplit.getSettingActivity ( ) [static]

Returns the current **SettingActivity** instance.

##### Returns

current registered **SettingActivity** instance

#### 5.3.1.6 static **SpecialsActivity** de.tuchemnitz.remoteclient.Callbacksplit.getSpecialsActivity ( ) [static]

Returns the current **SpecialsActivity** instance.

##### Returns

current registered **SpecialsActivity** instance

#### 5.3.1.7 static **SprachausgabeActivity** de.tuchemnitz.remoteclient.Callbacksplit.getSprachausgabeActivity ( ) [static]

Returns the current **SprachausgabeActivity** instance.

##### Returns

current registered **SprachausgabeActivity** instance

5.3.1.8 `static void de.tuchemnitz.remoteclient.Callbacksplit.registerBewegungActivity ( BewegungActivity act )`  
`[static]`

Registers the current [BewegungActivity](#) instance.

#### Parameters

<i>act</i>	current <a href="#">BewegungActivity</a> instance
------------	---

5.3.1.9 `static void de.tuchemnitz.remoteclient.Callbacksplit.registerConfigActivity ( ConfigActivity act )` `[static]`

Registers the current [ConfigActivity](#) instance.

#### Parameters

<i>act</i>	current <a href="#">ConfigActivity</a> instance
------------	---

5.3.1.10 `static void de.tuchemnitz.remoteclient.Callbacksplit.registerMainActivity ( MainActivity act )` `[static]`

Registers the current [MainActivity](#) instance.

#### Parameters

<i>act</i>	current <a href="#">MainActivity</a> instance
------------	---

5.3.1.11 `static void de.tuchemnitz.remoteclient.Callbacksplit.registerSettingActivity ( SettingActivity act )` `[static]`

Registers the current [SettingActivity](#) instance.

#### Parameters

<i>act</i>	current <a href="#">SettingActivity</a> instance
------------	--

5.3.1.12 `static void de.tuchemnitz.remoteclient.Callbacksplit.registerSpecialsActivity ( SpecialsActivity act )` `[static]`

Registers the current [SpecialsActivity](#) instance.

#### Parameters

<i>act</i>	current <a href="#">SpecialsActivity</a> instance
------------	---

5.3.1.13 `static void de.tuchemnitz.remoteclient.Callbacksplit.registerSprachausgabeActivity ( SprachausgabeActivity act )`  
`[static]`

Registers the current [SprachausgabeActivity](#) instance.

#### Parameters

<i>act</i>	current <a href="#">SprachausgabeActivity</a> instance
------------	--

5.3.1.14 `static void de.tuchemnitz.remoteclient.Callbacksplit.saveBatteryStatelcon ( Drawable bat ) [static]`

Sets the Battery State Icon.

#### Parameters

<i>bat</i>	Drawable of the icon image.
------------	-----------------------------

5.3.1.15 `static void de.tuchemnitz.remoteclient.Callbacksplit.setActionBarBatteryIcon ( Drawable batt_icon_r ) [static]`

Sets the Battery Icon in the ActionBar in the currently active Activity.

#### Parameters

<i>batt_icon_r</i>	Drawable of the Battery Icon
--------------------	------------------------------

5.3.1.16 `static void de.tuchemnitz.remoteclient.Callbacksplit.setActionBarConnectIcon ( ) [static]`

Sets the saved Battery Icon in the ActionBar in the currently active Activity.

5.3.1.17 `static void de.tuchemnitz.remoteclient.Callbacksplit.setActiveActivity ( Activity aact ) [static]`

Sets the currently active Activity.

#### Parameters

<i>aact</i>	Activity
-------------	----------

5.3.1.18 `static void de.tuchemnitz.remoteclient.Callbacksplit.showConnectionLostDialog ( ) [static]`

Shows the "Connection Lost" dialog on the active Activity.

5.3.1.19 `static void de.tuchemnitz.remoteclient.Callbacksplit.unsetActiveActivity ( ) [static]`

Returns the currently active Activity. Unsets the active Activity.

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

- [/home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/Callbacksplit.java](#)

## 5.4 de.tuchemnitz.remoteclient.NetworkThread.CMDTYPE Enum Reference

### Public Attributes

- **NETTEST**
- **MOVE**
- **MOVEARM**
- **MOVEHEAD**
- **STOP**
- **SIT**
- **STANDUP**

- **REST**
- **SPEAK**
- **DANCE**
- **WINK**
- **WIPE**
- **VIDEO**
- **GETBATT**
- **GETMAKROS**
- **EXECMAKRO**

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

- [/home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/NetworkModule.java](#)

## 5.5 de.tuchemnitz.remoteclient.ConfigActivity Class Reference

Inherits SherlockActivity.

### Public Member Functions

- void **onDestroy** ()
- boolean [onCreateOptionsMenu](#) (Menu menu)
- boolean [onOptionsItemSelected](#) (MenuItem item)
- void [verbindungsbutton\\_event](#) (View view)
- void [cfgbutton\\_close\\_event](#) (View view)
- void [changeConnectionView](#) (int state)
- void [setActBarBatteryIcon](#) (Drawable pic)
- void [setActBarConnectIcon](#) ()
- boolean [dispatchTouchEvent](#) (MotionEvent event)

### Protected Member Functions

- void [onCreate](#) (Bundle savedInstanceState)
- void **onResume** ()
- void **onPause** ()

### Private Attributes

- TextView [text\\_verbindungsstatus](#)  
*Text that tells the current connection sate.*
- EditText [textfeld\\_ipeingabe](#)  
*String for holding the input of the ip-input-editfield.*
- Button **button\_verbindenbutton**
- MenuItem **BatteryIcon** = null
- MenuItem **ConnectIcon** = null
- float **gesture\_xa**
- int **displayWidth** = 1
- int **displayHeight** = 1



### 5.5.1 Member Function Documentation

#### 5.5.1.1 void de.tuchemnitz.remoteclient.ConfigActivity.cfbutton\_close\_event ( View *view* )

Activates when the Close button is pressed.

##### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

Closes the application.

#### 5.5.1.2 void de.tuchemnitz.remoteclient.ConfigActivity.changeConnectionView ( int *state* )

Refreshes the text of the connection state and button.

##### Parameters

<i>state</i>	Connection state (see NetworkModule.CONN_ constants)
--------------	--

#### 5.5.1.3 boolean de.tuchemnitz.remoteclient.ConfigActivity.dispatchTouchEvent ( MotionEvent *event* )

Modify the touchlistener for the whole activity to accept a selfdefined wipegesture This wipe gesture is for changig to another activity with a wipe

#### 5.5.1.4 void de.tuchemnitz.remoteclient.ConfigActivity.onCreate ( Bundle *savedInstanceState* ) [protected]

Loads/sets up the Activity layout and registers the callback.

#### 5.5.1.5 boolean de.tuchemnitz.remoteclient.ConfigActivity.onCreateOptionsMenu ( Menu *menu* )

Loads ActionBar, enables Back button and gets and refreshes Battery and Connection Icons.

#### 5.5.1.6 boolean de.tuchemnitz.remoteclient.ConfigActivity.onOptionsItemSelected ( MenuItem *item* )

Handles option menu clicks. Shows other activities or closes the application.

#### 5.5.1.7 void de.tuchemnitz.remoteclient.ConfigActivity.setActBarBatteryIcon ( Drawable *pic* )

Sets the Battery Icon in the ActionBar.

##### Parameters

<i>pic</i>	Drawable of the Battery Icon
------------	------------------------------

#### 5.5.1.8 void de.tuchemnitz.remoteclient.ConfigActivity.setActBarConnectIcon ( )

Sets the Connection Icon depending on the current connection state.

#### 5.5.1.9 void de.tuchemnitz.remoteclient.ConfigActivity.verbindungsbutton\_event ( View *view* )

Activates when the Connection Button is pressed.

## Parameters

<code>view</code>	ignored, ID of the button, which triggers this function
-------------------	---

Opens or closes the network connection.

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

- [/home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/ConfigActivity.java](#)

## 5.6 de.tuchemnitz.remoteclient.MainActivity Class Reference

Inherits SherlockActivity.

### Classes

- class **BattTmrTask**

### Public Member Functions

- void [onCreate](#) (Bundle savedInstanceState)
- void [onDestroy](#) ()
- boolean [onCreateOptionsMenu](#) (Menu menu)
- boolean [onOptionsItemSelected](#) (MenuItem item)
- void [setActionBarConnectIcon](#) ()
- void [sendMessage](#) (View view)
- void [menu\\_button1\\_event](#) (View view)
- void [menu\\_button2\\_event](#) (View view)
- void [menu\\_button3\\_event](#) (View view)
- void [menu\\_button4\\_event](#) (View view)
- void [menu\\_button5\\_event](#) (View view)
- boolean [dispatchTouchEvent](#) (MotionEvent event)

### Public Attributes

- float [param\\_MOV\\_F](#) = 5  
*Parameter for Movement, defines the width the robot walks forward.*
- float [param\\_MOV\\_B](#) = 2  
*Parameter for Movement, defines the width the robot walks backward.*
- int [param\\_MOV\\_D](#) = 90  
*Parameter for Movement (D for Drehung/Turning), the angle around the robot turn itself.*
- int [param\\_HAD\\_F](#) = 20  
*Parameter for the angle the robot inclines his head forward.*
- int [param\\_HAD\\_B](#) = 20  
*Parameter for the angle the robot inclines his head backward.*
- int [param\\_HAD\\_D](#) = 45  
*Parameter for the angle the robot turn his head left or right.*
- int [param\\_ARM\\_HR](#) = 45  
*Parameter specified the angle of rotation for the arms (up/down)*
- int [param\\_ARM\\_LR](#) = 20  
*Parameter specified the angle of rotation for the arms (to the body and away)*

## Protected Member Functions

- void **onResume** ()
- void **onPause** ()

## Private Member Functions

- void [addMakroToList](#) (String neutext)
- void [newMakroToList](#) ()

## Private Attributes

- Timer **BattTimer** = null
- final int **EVENT\_BATT** = 0
- final int **EVENT\_STATE** = 1
- final int **EVENT\_CONN** = 2
- final int **EVENT\_MAKRO** = 3
- MenuItem **BatteryIcon** = null
- MenuItem **ConnectIcon** = null
- boolean **askfor\_Makros\_once** = true
- float **gesture\_xa**
- int **displayWidth** = 1
- int **displayHeight** = 1
- Handler **EvtHandler**

## 5.6.1 Member Function Documentation

### 5.6.1.1 void de.tuchemnitz.remoteclient.MainActivity.addMakroToList ( String *neutext* ) [private]

Appends names of makros which are received from the robot to a list saved in a file (filename is MakroListe.txt). With makro the motion sequence created with coreographie were meant

#### Parameters

<i>neutext</i>	Name of the makro
----------------	-------------------

### 5.6.1.2 boolean de.tuchemnitz.remoteclient.MainActivity.dispatchTouchEvent ( MotionEvent *event* )

Modify the touchlistener for the whole activity to accept a selfdefined wipegesture This wipe gesture is for changing to another activity with a wipe

### 5.6.1.3 void de.tuchemnitz.remoteclient.MainActivity.menu\_button1\_event ( View *view* )

Opens and starts the [BewegungActivity](#)

#### Parameters

<i>view</i>	ignored, ID of the button, which triggers this function
-------------	---

### 5.6.1.4 void de.tuchemnitz.remoteclient.MainActivity.menu\_button2\_event ( View *view* )

Opens and starts the [SprachausgabeActivity](#)

## Parameters

<i>view</i>	ignored, ID of the button, which triggers this function
-------------	---

5.6.1.5 void de.tuchemnitz.remoteclient.MainActivity.menu\_button3\_event ( View *view* )

Opens and starts the [SpecialsActivity](#)

## Parameters

<i>view</i>	ignored, ID of the button, which triggers this function
-------------	---

5.6.1.6 void de.tuchemnitz.remoteclient.MainActivity.menu\_button4\_event ( View *view* )

Opens and starts the [ConfigActivity](#)

## Parameters

<i>view</i>	ignored, ID of the button, which triggers this function
-------------	---

5.6.1.7 void de.tuchemnitz.remoteclient.MainActivity.menu\_button5\_event ( View *view* )

Only shows the about dialoge

## Parameters

<i>view</i>	ignored, ID of the button, which triggers this function
-------------	---

By pressing the related button the about dialog will be closed

5.6.1.8 void de.tuchemnitz.remoteclient.MainActivity.newMakroToList ( ) [private]

Creates a new empty file with the filename MakroListe.txt. Later there can be saved names of motion sequence as a list in it.

5.6.1.9 void de.tuchemnitz.remoteclient.MainActivity.onCreate ( Bundle *savedInstanceState* )

Callback and timer setup.

5.6.1.10 boolean de.tuchemnitz.remoteclient.MainActivity.onCreateOptionsMenu ( Menu *menu* )

Draws the ActionBar.

5.6.1.11 void de.tuchemnitz.remoteclient.MainActivity.onDestroy ( )

Kills the timer and closes the connection.

5.6.1.12 boolean de.tuchemnitz.remoteclient.MainActivity.onOptionsItemSelected ( MenuItem *item* )

Handles option menu clicks. Shows other activities or closes the application.

## 5.6.1.13 void de.tuchemnitz.remoteclient.MainActivity.sendMessage ( View view )

Called when the user clicks the Send button

## 5.6.1.14 void de.tuchemnitz.remoteclient.MainActivity.setActionBarConnectIcon ( )

Refreshes the ActionBar's network state icon.

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

- /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/[MainActivity.java](#)

## 5.7 de.tuchemnitz.remoteclient.NetworkModule Class Reference

### Classes

- enum **VIDEOSTATE**

### Static Public Member Functions

- static void [RegisterCallback](#) (Handler EvtHandler, int EventType, int InfoType)
- static void [SetIPAddress](#) (String IP\_Str)
- static String [GetIPAddress](#) ()
- static void [Move](#) (int Type, char Direction, float Parameter)
- static void [Stop](#) ()
- static void [Sit](#) ()
- static void [StandUp](#) ()
- static void [Rest](#) ()
- static void [Speak](#) (String Text)
- static void [Dance](#) (String Text)
- static void [Wink](#) ()
- static void [Wipe](#) ()
- static void [AskForMakros](#) ()
- static void [ExecMakro](#) (String makroname)
- static void [RequestBatteryState](#) ()
- static void [Video](#) (VIDEOSTATE state, int Port)
- static void [Video](#) (VIDEOSTATE state)
- static Object [GetInfoData](#) (int Type)
- static void [OpenConnection](#) ()
- static void [CloseConnection](#) ()
- static int [IsConnected](#) ()

### Static Public Attributes

- static final char **MOVE\_UP** = 'F'
- static final char **MOVE\_DOWN** = 'B'
- static final char **MOVE\_LEFT** = 'L'
- static final char **MOVE\_RIGHT** = 'R'
- static final int **INFO\_BATT** = 0
- static final int **INFO\_STATE** = 1
- static final int **INFO\_CONN** = 2
- static final int **INFO\_MAKRO** = 3

- static final int **CONN\_CLOSED** = 0
- static final int **CONN\_CONNECTING** = 1
- static final int **CONN\_OPEN** = 2
- static final String **STATE\_CROUCH** = "CROUCHING"
- static final String **STATE\_STAND** = "STANDING"
- static final String **STATE\_SIT** = "SITTING"
- static final String **STATE\_WALK** = "WALKING"
- static final String **STATE\_STOP** = "STOPPING"
- static final String **STATE\_MOVE** = "MOVING"
- static final String **STATE\_UNKNOWN** = "UNKNOWN"

### Static Private Attributes

- static String **IP\_Addr** = "134.109.151.142"
- static final int **Port** = 0x8000
- static NetworkThread **NetTData** = null
- static ArrayList< EventCallback > **EventList** = new ArrayList<EventCallback>()
- static RobotInformation **RoboInfo** = new RobotInformation()

## 5.7.1 Member Function Documentation

5.7.1.1 static void de.tuchemnitz.remoteclient.NetworkModule.AskForMakros ( ) [static]

Sends a signal to the robot to ask for the makros on it available

5.7.1.2 static void de.tuchemnitz.remoteclient.NetworkModule.CloseConnection ( ) [static]

Closes the connection to the robot.

5.7.1.3 static void de.tuchemnitz.remoteclient.NetworkModule.Dance ( String *Text* ) [static]

Tells the robot to dance.

#### Parameters

<i>Text</i>	reserved
-------------	----------

5.7.1.4 static void de.tuchemnitz.remoteclient.NetworkModule.ExecMakro ( String *makroname* ) [static]

Tells the robot to execute the following movement

#### Parameters

<i>makroname</i>	name of the makro which the robot should execute
------------------	--

Note: Underscores are not allowed.

5.7.1.5 static Object de.tuchemnitz.remoteclient.NetworkModule.GetInfoData ( int *Type* ) [static]

Returns information about the robot's current state.

## Parameters

<i>Type</i>	Type of information to return (see INFO_ constants)
-------------	---

## Returns

Object with requested information.

#### 5.7.1.6 static String de.tuchemnitz.remoteclient.NetworkModule.GetIPAddress ( ) [static]

Returns the current IP address.

## Returns

IP address string (xxx.xxx.xxx.xxx)

#### 5.7.1.7 static int de.tuchemnitz.remoteclient.NetworkModule.IsConnected ( ) [static]

Returns the current connection state.

## Returns

current connection state (see CONN\_ constants)

#### 5.7.1.8 static void de.tuchemnitz.remoteclient.NetworkModule.Move ( int *Type*, char *Direction*, float *Parameter* ) [static]

Tells the robot to move his legs/arms/head.

## Parameters

<i>Type</i>	Type of movement
<i>Direction</i>	direction character (use MOVE_ constants)

Movement types: 0 - walk (move legs) 1 - move left arm 2 - move right arm 3 - move head

#### 5.7.1.9 static void de.tuchemnitz.remoteclient.NetworkModule.OpenConnection ( ) [static]

Starts connecting to the robot.

#### 5.7.1.10 static void de.tuchemnitz.remoteclient.NetworkModule.RegisterCallback ( Handler *EvtHandler*, int *EventType*, int *InfoType* ) [static]

Adds a Handler-Object to the [NetworkModule](#)'s Callback list.

## Parameters

<i>EvtHandler</i>	Handler-Object for Callback-Function
<i>EventType</i>	Event Type for use in Callback-Function
<i>InfoType</i>	Type of returned information (use INFO_ constants)

**5.7.1.11** `static void de.tuchemnitz.remoteclient.NetworkModule.RequestBatteryState ( ) [static]`

Asks the robot for his current battery state.

**5.7.1.12** `static void de.tuchemnitz.remoteclient.NetworkModule.Rest ( ) [static]`

Tells the robot to crouch and turn off his motors.

**5.7.1.13** `static void de.tuchemnitz.remoteclient.NetworkModule.SetIPAddress ( String IP_Str ) [static]`

Sets the IP address used to connect.

#### Parameters

<i>IP_Str</i>	IP address string (xxx.xxx.xxx.xxx)
---------------	-------------------------------------

**5.7.1.14** `static void de.tuchemnitz.remoteclient.NetworkModule.Sit ( ) [static]`

Tells the robot to sit down.

**5.7.1.15** `static void de.tuchemnitz.remoteclient.NetworkModule.Speak ( String Text ) [static]`

Tells the robot to speak some words.

#### Parameters

<i>Text</i>	Text to speak
-------------	---------------

Note: Underscores are not allowed.

**5.7.1.16** `static void de.tuchemnitz.remoteclient.NetworkModule.StandUp ( ) [static]`

Tells the robot to stand up.

**5.7.1.17** `static void de.tuchemnitz.remoteclient.NetworkModule.Stop ( ) [static]`

Tells the robot to stop all current actions.

**5.7.1.18** `static void de.tuchemnitz.remoteclient.NetworkModule.Video ( VIDEOSTATE state, int Port ) [static]`

start and stop the videomodule extraparameter for port

#### Parameters

<i>state</i>	The wante state of the videoconnection (ON or OFF available)
<i>Port</i>	Port where the udp-server is listening

**5.7.1.19** `static void de.tuchemnitz.remoteclient.NetworkModule.Video ( VIDEOSTATE state ) [static]`

only for stop the videomodule port is not needed



## Parameters

<i>state</i>	The wante state of the videoconnection (ON or OFF available)
--------------	--

5.7.1.20 `static void de.tuchemnitz.remoteclient.NetworkModule.Wink ( ) [static]`

Tells the robot to wave.

5.7.1.21 `static void de.tuchemnitz.remoteclient.NetworkModule.Wipe ( ) [static]`

Tells the robot to wipe.

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

- [/home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/NetworkModule.java](#)

## 5.8 com.actionbarsherlock.R Class Reference

### Classes

- class **attr**
- class **bool**
- class **color**
- class **dimen**
- class **drawable**
- class **id**
- class **integer**
- class **layout**
- class **string**
- class **style**
- class **styleable**

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

- [/home/riko/workspace/remoteclient/gen/com/actionbarsherlock/R.java](#)

## 5.9 de.tuchemnitz.remoteclient.R Class Reference

### Classes

- class **attr**
- class **bool**
- class **color**
- class **dimen**
- class **drawable**
- class **id**
- class **integer**
- class **layout**
- class **menu**
- class **string**
- class **style**
- class **styleable**

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

- /home/riko/workspace/remoteclient/gen/de/tuchemnitz/remoteclient/R.java

## 5.10 de.tuchemnitz.remoteclient.SettingActivity Class Reference

Inherits SherlockActivity.

### Public Member Functions

- void **onDestroy** ()
- boolean **onCreateOptionsMenu** (Menu menu)
- boolean **onOptionsItemSelected** (MenuItem item)
- void **setbutton\_close\_event** (View view)
- void **set\_videotoggle\_on\_off** (View view)
- void **setActBarBatteryIcon** (Drawable pic)
- void **setActBarConnectIcon** ()
- boolean **dispatchTouchEvent** (MotionEvent event)

### Protected Member Functions

- void **onCreate** (Bundle savedInstanceState)
- void **onResume** ()
- void **onPause** ()

### Private Member Functions

- void **init\_seekbar\_videotransparency** ()
- int **parameter\_float\_to\_int\_mov** (float val)
- float **parameter\_int\_to\_float\_mov** (int val)
- void **init\_seekbar\_parameters** ()

### Private Attributes

- MenuItem **BatteryIcon** = null
- MenuItem **ConnectIcon** = null
- SeekBar **seekbar\_videovisibility** = null
- ToggleButton **video\_toggle\_OnOff** = null
- TextView **text\_value\_pMovF** = null
- TextView **text\_value\_pMovB** = null
- TextView **text\_value\_pMovD** = null
- TextView **text\_value\_pHadF** = null
- TextView **text\_value\_pHadB** = null
- TextView **text\_value\_pHadD** = null
- TextView **text\_value\_pArmHR** = null
- TextView **text\_value\_pArmLR** = null
- float **gesture\_xa**
- int **displayWidth** = 1
- int **displayHeight** = 1

### 5.10.1 Member Function Documentation

#### 5.10.1.1 `boolean de.tuchemnitz.remoteclient.SettingActivity.dispatchTouchEvent ( MotionEvent event )`

Modify the touchlistener for the whole activity to accept a selfdefined wipegesture This wipe gesture is for changig to another activity with a wipe

#### 5.10.1.2 `void de.tuchemnitz.remoteclient.SettingActivity.init_seekbar_parameters ( ) [private]`

Initializes the seekbars. Set up the listeners and adjust the right value to avery seekbar

#### 5.10.1.3 `void de.tuchemnitz.remoteclient.SettingActivity.init_seekbar_videotransparency ( ) [private]`

Init the seekbar for setting the transparency of the video, showed in the background of the [BewegungActivity](#). All listeners will be initialized.

This function is used in the oncreate-function of the Activity.

#### 5.10.1.4 `void de.tuchemnitz.remoteclient.SettingActivity.onCreate ( Bundle savedInstanceState ) [protected]`

Loads/sets up the Activity layout and registers the callback.

#### 5.10.1.5 `boolean de.tuchemnitz.remoteclient.SettingActivity.onCreateOptionsMenu ( Menu menu )`

Loads ActionBar, enables Back button and gets and refreshes Battery and Connection Icons.

#### 5.10.1.6 `boolean de.tuchemnitz.remoteclient.SettingActivity.onOptionsItemSelected ( MenuItem item )`

Handles option menu clicks. Shows other activities or closes the application.

#### 5.10.1.7 `int de.tuchemnitz.remoteclient.SettingActivity.parameter_float_to_int_mov ( float val ) [private]`

Help function to transform the parameter of

the movement to the right integer for te seekbar.

##### Parameters

<i>val</i>	The value to transform
------------	------------------------

##### Returns

the transformed value useable by the seekbar

#### 5.10.1.8 `float de.tuchemnitz.remoteclient.SettingActivity.parameter_int_to_float_mov ( int val ) [private]`

Help function to transform the integer deliver by the seekbar to the parameter of the movement.

##### Parameters

<i>val</i>	The value to transform
------------	------------------------

**Returns**

the transformed float value

#### 5.10.1.9 void de.tuchemnitz.remoteclient.SettingActivity.set\_videotoggle\_on\_off ( View view )

Starts and Stops the Videoserver with the udp-socket in a thread.

**Parameters**

<i>view</i>	ignored, ID of the button, which triggers this function
-------------	---

#### 5.10.1.10 void de.tuchemnitz.remoteclient.SettingActivity.setActionBarBatteryIcon ( Drawable pic )

Sets the Battery Icon in the ActionBar.

**Parameters**

<i>pic</i>	Drawable of the Battery Icon
------------	------------------------------

#### 5.10.1.11 void de.tuchemnitz.remoteclient.SettingActivity.setActionBarConnectIcon ( )

Sets the Connection Icon depending on the current connection state.

#### 5.10.1.12 void de.tuchemnitz.remoteclient.SettingActivity.setbutton\_close\_event ( View view )

Activates when the Close button is pressed.

**Parameters**

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

Closes the application.

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

- /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/[SettingActivity.java](#)

## 5.11 de.tuchemnitz.remoteclient.SpecialsActivity Class Reference

Inherits SherlockActivity.

**Public Member Functions**

- void **onDestroy** ()
- boolean **onCreateOptionsMenu** (Menu menu)
- boolean **onOptionsItemSelected** (MenuItem item)
- void **specials\_button1\_event** (View view)
- void **specials\_button2\_event** (View view)
- void **specials\_button3\_event** (View view)
- void **specials\_button4\_event** (View view)
- void **specials\_button5\_event** (View view)

- void [changeSitButtonText](#) (String state)
  - void [setActBarBatteryIcon](#) (Drawable pic)
  - void [setActBarConnectIcon](#) ()
  - String[] [getMakroList](#) ()
- 
- Makros*
- boolean [dispatchTouchEvent](#) (MotionEvent event)

### Protected Member Functions

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

### Private Attributes

- MenuItem **BatteryIcon** = null
- MenuItem **ConnectIcon** = null
- float **gesture\_xa**
- int **displayWidth** = 1
- int **displayHeight** = 1

## 5.11.1 Member Function Documentation

### 5.11.1.1 void de.tuchemnitz.remoteclient.SpecialsActivity.changeSitButtonText ( String state )

Changes the text on the button

#### Parameters

<i>state</i>	State reported by robot
--------------	-------------------------

### 5.11.1.2 boolean de.tuchemnitz.remoteclient.SpecialsActivity.dispatchTouchEvent ( MotionEvent event )

Modify the touchlistener for the whole activity to accept a selfdefined wipegesture This wipe gesture is for changig to another activity with a wipe

### 5.11.1.3 String [] de.tuchemnitz.remoteclient.SpecialsActivity.getMakroList ( )

---

*Makros*

Loads a List of names of motion sequence from a file (MakroListe.txt) and returns it.

#### Returns

Array of Strings which are the names of the makros.

### 5.11.1.4 void de.tuchemnitz.remoteclient.SpecialsActivity.onCreate ( Bundle savedInstanceState ) [protected]

Loads/sets up the Activity layout and registers the callback.

5.11.1.5 `boolean de.tuchemnitz.remoteclient.SpecialsActivity.onCreateOptionsMenu ( Menu menu )`

Loads ActionBar, enables Back button and gets and refreshes Battery and Connection Icons.

5.11.1.6 `boolean de.tuchemnitz.remoteclient.SpecialsActivity.onOptionsItemSelected ( MenuItem item )`

Handles option menu clicks. Shows other activities or closes the application.

5.11.1.7 `void de.tuchemnitz.remoteclient.SpecialsActivity.setActBarBatteryIcon ( Drawable pic )`

Sets the Battery Icon in the ActionBar.

#### Parameters

<i>pic</i>	Drawable of the Battery Icon
------------	------------------------------

5.11.1.8 `void de.tuchemnitz.remoteclient.SpecialsActivity.setActBarConnectIcon ( )`

Refreshes the ActionBar's network state icon.

5.11.1.9 `void de.tuchemnitz.remoteclient.SpecialsActivity.specials_button1_event ( View view )`

Function triggered by Rest-Button Makes the Networkmodule send a "RST" -> robot crouches and motors getting limp

#### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

5.11.1.10 `void de.tuchemnitz.remoteclient.SpecialsActivity.specials_button2_event ( View view )`

Function triggered by Stand-/Sit-Button Makes the Networkmodule send a "SIT" or "AUF" -> robot stands up or sit down functionality of the button depending on the last state reported by the robot

#### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

5.11.1.11 `void de.tuchemnitz.remoteclient.SpecialsActivity.specials_button3_event ( View view )`

Function triggered by Dance-Button Makes the Networkmodule send a "DNC" -> robot begins to dance

#### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

5.11.1.12 `void de.tuchemnitz.remoteclient.SpecialsActivity.specials_button4_event ( View view )`

Function triggered by Wave-Button Makes the Networkmodule send a "WNK" -> robot begins to wave with his arm and says hallo

## Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

5.11.1.13 void de.tuchemnitz.remoteclient.SpecialsActivity.specials\_button5\_event ( View *view* )

Function triggered by Wipe-Button Makes the Networkmodule send a "WIP" -> robot wipes his forehead

## Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

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

- /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/SpecialsActivity.java

## 5.12 de.tuchemnitz.remoteclient.SprachausgabeActivity Class Reference

Inherits SherlockActivity.

### Classes

- class **FileSave**

### Public Member Functions

- void **onDestroy** ()
- boolean **onCreateOptionsMenu** (Menu menu)
- boolean **onOptionsItemSelected** (MenuItem item)
- void **okbutton\_event** (View view)
- void **setActBarBatteryIcon** (Drawable pic)
- void **setActBarConnectIcon** ()
- void **saveload** (View view)
- boolean **dispatchTouchEvent** (MotionEvent event)

### Protected Member Functions

- void **onCreate** (Bundle savedInstanceState)
- void **onResume** ()
- void **onPause** ()

### Private Attributes

- MenuItem **BatteryIcon** = null
- MenuItem **ConnectIcon** = null
- float **gesture\_xa**
- int **displayWidth** = 1
- int **displayHeight** = 1

### 5.12.1 Member Function Documentation

#### 5.12.1.1 `boolean de.tuchemnitz.remoteclient.SprachausgabeActivity.dispatchTouchEvent ( MotionEvent event )`

Modify the touchlistener for the whole activity to accept a selfdefined wipegesture This wipe gesture is for changig to another activity with a wipe

#### 5.12.1.2 `void de.tuchemnitz.remoteclient.SprachausgabeActivity.okbutton_event ( View view )`

Makes the Networkmodule send the text from the editfield as speakmessage to the robot

##### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

#### 5.12.1.3 `void de.tuchemnitz.remoteclient.SprachausgabeActivity.onCreate ( Bundle savedInstanceState )` [protected]

Loads the Activity layout and registers the callback.

#### 5.12.1.4 `boolean de.tuchemnitz.remoteclient.SprachausgabeActivity.onCreateOptionsMenu ( Menu menu )`

Loads ActionBar, enables Back button and gets and refreshes Battery and Connection Icons.

#### 5.12.1.5 `boolean de.tuchemnitz.remoteclient.SprachausgabeActivity.onOptionsItemSelected ( MenuItem item )`

Handles option menu clicks. Shows other activities or closes the application.

#### 5.12.1.6 `void de.tuchemnitz.remoteclient.SprachausgabeActivity.saveload ( View view )`

Function for opening a save/load text dialog

##### Parameters

<i>view</i>	ignored, ID of the button, which trigger this function
-------------	--

Opens a dialog, where text from the editfield in the activity can be saved or loaded to a specified place declared by number Setup the Listener for input in the numberfield

Setup the Listener for the minusbutton

On click decreases the number of the storage space

Setup the Listener for the plusbutton

On click increases the number of the storage space

By pressing the related buttton this function saves the text in the editfield of the activity, by writing it to the file on the line declared by storage space

By pressing the related buttton this function loads the text from the line, declared by storage space, in savefile to the editfield of the activity

By pressing the related buttton the save/load dialog will be closed

#### 5.12.1.7 `void de.tuchemnitz.remoteclient.SprachausgabeActivity.setActBarBatteryIcon ( Drawable pic )`

Sets the Battery Icon in the ActionBar.



## Parameters

<i>pic</i>	Drawable of the Battery Icon
------------	------------------------------

5.12.1.8 void de.tuchemnitz.remoteclient.SprachausgabeActivity.setActBarConnectIcon ( )

Refreshes the ActionBar's network state icon.

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

- /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/[SprachausgabeActivity.java](#)

## 5.13 de.tuchemnitz.remoteclient.VideoModule Class Reference

### Static Public Member Functions

- static void [create\\_dialog](#) (Activity ref\_activity, boolean startstop\_naovideoserver)
- static boolean [isVideoDialogOpen](#) ()
- static void [closeVideoDialog](#) ()
- static void [init](#) ()
- static int [startVideoServer](#) ()
- static int [getVideoServerPort](#) ()
- static void [stopVideoServer](#) ()
- static boolean [isVideoThreadStarted](#) ()
- static void [setVideoPicture](#) (ImageView active\_image)
- static void [unsetVideoPicture](#) ()

### Static Public Attributes

- static int [Videotransparency\\_bewact](#) = 100  
*defines the alpha value of the picture*

### Static Private Attributes

- static Dialog **video\_dialog** = null
- static ImageView **video\_dialog\_picture** = null
- static ImageView **video\_picture** = null
- static VideoThread **NetVideo** = null
- static boolean **video\_networkcommand\_send\_onoff** = false
- static Bitmap **bitmap** = null
- static final BitmapFactory.Options **opt** = new BitmapFactory.Options()
- static Handler **RecvPicHandler**

### 5.13.1 Member Function Documentation

5.13.1.1 static void de.tuchemnitz.remoteclient.VideoModule.closeVideoDialog ( ) [static]

closes the videodialog if there is no existing dialog then nothing happens

**5.13.1.2** `static void de.tuchemnitz.remoteclient.VideoModule.create_dialog ( Activity ref_activity, boolean startstop_naovideoserver ) [static]`

Creates a dialog in the Activity, which is given by *ref\_activity*

#### Parameters

<i>ref_activity</i>	a reference of the activity in which the dialog will be opened
<i>startstop_naovideoserver</i>	By closing the dialoge let the Networkmodule send a video-stop-command to the robot

By pressing the related Image the about dialog will be closed

**5.13.1.3** `static int de.tuchemnitz.remoteclient.VideoModule.getVideoServerPort ( ) [static]`

Returns the port of the videoserver

#### Returns

the port of the udp-socket

**5.13.1.4** `static void de.tuchemnitz.remoteclient.VideoModule.init ( ) [static]`

Resets all the variables of the [VideoModule](#).

**5.13.1.5** `static boolean de.tuchemnitz.remoteclient.VideoModule.isVideoDialogOpen ( ) [static]`

Let you know if a videodialog exists

#### Returns

True if a Reference to a videodialog exists

**5.13.1.6** `static boolean de.tuchemnitz.remoteclient.VideoModule.isVideoThreadStarted ( ) [static]`

This function tells if a thread with an udp-socket exists or not

#### Returns

True if thread with udp-socket for receiving pictures exists.

**5.13.1.7** `static void de.tuchemnitz.remoteclient.VideoModule.setVideoPicture ( ImageView active_image ) [static]`

Set the active Image, which will later updated with the received pictures

#### Parameters

<i>active_image</i>	current active ImageView for video
---------------------	------------------------------------

**5.13.1.8** `static int de.tuchemnitz.remoteclient.VideoModule.startVideoServer ( ) [static]`

Start a new thread with an udp-server to receive pictures from robot.

#### Returns

On success it returns the port. If an error occurs then -1 is returned.

##### 5.13.1.9 static void de.tuchemnitz.remoteclient.VideoModule.stopVideoServer ( ) [static]

Stops the videosever an closes the thread and the udp-socket in it.

##### 5.13.1.10 static void de.tuchemnitz.remoteclient.VideoModule.unsetVideoPicture ( ) [static]

Unset the variable video\_picture by setting it to null. No picture can be updated anymore.

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

- /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/VideoModule.java



## Chapter 6

# File Documentation

### 6.1 /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/BewegungActivity.java File Reference

#### Classes

- class [de.tuchemnitz.remoteclient.BewegungActivity](#)

#### Packages

- package [de.tuchemnitz.remoteclient](#)

#### 6.1.1 Detailed Description

##### Author

Riko Streller

Creates a surface for control simple movement of the robot

##### Author

Riko Streller

Creates a surface to make the robot execute complex motion sequences by pressing one of the buttons

### 6.2 /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/Callbackspllit.java File Reference

#### Classes

- class [de.tuchemnitz.remoteclient.Callbackspllit](#)

#### Packages

- package [de.tuchemnitz.remoteclient](#)

### 6.2.1 Detailed Description

#### Author

Riko Streller

Does the communication between the Activities.

## 6.3 `/home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/ConfigActivity.java` File Reference

### Classes

- class [de.tuchemnitz.remoteclient.ConfigActivity](#)

### Packages

- package [de.tuchemnitz.remoteclient](#)

### 6.3.1 Detailed Description

#### Author

Riko Streller

Creates a surface, to insert the IP-Adress for the connection to the robot

## 6.4 `/home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/MainActivity.java` File Reference

### Classes

- class [de.tuchemnitz.remoteclient.MainActivity](#)
- class **`de.tuchemnitz.remoteclient.MainActivity.BattTmrTask`**

### Packages

- package [de.tuchemnitz.remoteclient](#)

### 6.4.1 Detailed Description

#### Author

Riko Streller

This is the activity the whole clientprogramm is depending on All callback-functions and timers are running in this activity and the MainActivity is the main spot to get to the other activities.

## 6.5 /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/NetworkModule.java File Reference

### Classes

- class **de.tuchemnitz.remoteclient.EventCallback**
- class **de.tuchemnitz.remoteclient.RobotInformation**
- class [de.tuchemnitz.remoteclient.NetworkModule](#)
- enum **de.tuchemnitz.remoteclient.NetworkModule.VIDEOSTATE**
- class **de.tuchemnitz.remoteclient.NetworkThread**
- enum [de.tuchemnitz.remoteclient.NetworkThread.CMDTYPE](#)
- class **de.tuchemnitz.remoteclient.NetworkThread.CommandQueue**

### Packages

- package [de.tuchemnitz.remoteclient](#)

#### 6.5.1 Detailed Description

##### Author

Peter Küffner

Handles everything related to the network connection to the robot.

## 6.6 /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/SettingActivity.java File Reference

### Classes

- class [de.tuchemnitz.remoteclient.SettingActivity](#)

### Packages

- package [de.tuchemnitz.remoteclient](#)

#### 6.6.1 Detailed Description

##### Author

Riko Streller

Creates a surface, to justify different settings

## 6.7 /home/riko/workspace/remoteclient/src/de/tuchemnitz/remoteclient/Sprachausgabe-Activity.java File Reference

### Classes

- class [de.tuchemnitz.remoteclient.SprachausgabeActivity](#)
- class **de.tuchemnitz.remoteclient.SprachausgabeActivity.FileSave**

## Packages

- package [de.tuchemnitz.remoteclient](#)

### 6.7.1 Detailed Description

#### Author

Riko Streller

Creates a surface with a editable field for text, which the robot should speak



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