

# AmiLib



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# AmiLib.php

- **Package** default
- **Filesource** [Source Code for this file](#)

## Class AmiLib

[[line 67](#)]

- **Package** default

### AmiLib::\$\_authtype

*string* = [[line 115](#)]

**Manager authentication type plaintext or md5**

- **Access** private

### AmiLib::\$\_debug

*boolean* = [[line 125](#)]

**Enable or disable debug commands**

Default: Disabled

- **Access** private

### AmiLib::\$\_event\_handlers

*array* = [line [153](#)]

## Event Handlers

- **Access** private

### AmiLib::\$\_log

*boolean* = [line [135](#)]

## Enable or disable log commands

Default: Disabled

- **Access** private

### AmiLib::\$\_logfile

*string* = './ami.log' [line [145](#)]

## Log filename

Default: './ami.log'

- **Access** private

### AmiLib::\$\_password

*string* = [line [106](#)]

## Asterisk manager secret

- **Access** private

### AmiLib::\$\_port

*integer* = [line [90](#)]

## Asterisk manager server port

- **Access** private

### AmiLib::\$\_server

*string* = [line [82](#)]

## Asterisk manager server address

- **Access** private

### AmiLib::\$\_socket

*object* = NULL [line [74](#)]

## Socket stream

- **Access** private

## AmiLib::\$\_username

*string* = [line 98]

## Asterisk manager user

- **Access private**

Constructor *void* function AmiLib::\_\_construct([\$config = array()]) [line 419]

### Function Parameters:

- *array* **\$config** Array of the parameters used to connect to the server

```
1      array(  
2          'server'      =>    '127.0.0.1'          // The server to connect to  
3          'port'        =>    '5038',              // Port of manager API  
4          'username'    =>    'admin',              // Asterisk manager username  
5          'password'    =>    'password',           // Asterisk manager password  
6          'authtype'    =>    'plaintext'           // Valid plaintext or md5  
7          'debug'       =>    'true or false'       // Enable or not debug  
8          'log'         =>    'true or false'       // Enable or nor logging  
9          'logfile'     =>    'filename'            // Log filename  
10     );
```

## AmiLib::\_\_construct()

Default constructor of AmiLib class

- **Access public**

*boolean* function AmiLib::addLog(\$level, \$message) [line 537]

### Function Parameters:

- *string* **\$level** DEBUG|INFO|WARN|ERROR|FATAL - Default is INFO
- *string* **\$message** Information message

## **AmiLib::addLog()**

Log file

*array* function AmiLib::commandExecute(\$command, [\$actionid = NULL]) [*line* [860](#)]

### **Function Parameters:**

- *string* **\$command**
- *string* **\$actionid** message matching variable

## **AmiLib::commandExecute()**

Execute Asterisk CLI Command

- **Access** public

*boolean* function AmiLib::connect([\$events = 'off']) [*line* [734](#)]

### **Function Parameters:**

- **\$events**

## **AmiLib::connect()**

Connect to Asterisk Manager

- **Access** public

*boolean* function AmiLib::debug(\$info, \$message) [*line* [512](#)]

### **Function Parameters:**

- *string* **\$info** or array message
- **\$message**

**AmiLib::debug()**  
Debug info

*none* function AmiLib::disconnect() [*line* [816](#)]

**AmiLib::disconnect()**  
Close the socket connection

- **Access** public

*string* function AmiLib::getAuthtype() [*line* [284](#)]

**AmiLib::getAuthtype()**  
Return current authentication type

- **Access** public

*bool* function AmiLib::getDebug() [*line* [308](#)]

**AmiLib::getDebug()**  
Return current debug value

- **Access** public



*array* function AmiLib::getEventHandlers(\$event) [[line 379](#)]

**Function Parameters:**

- **\$event**

## **AmiLib::getEventHandlers() Return event handlers**

- **Access** public

*bool* function AmiLib::getLog() [[line 332](#)]

### **AmiLib::getLog()**

Return current log value

- **Access** public

*string* function AmiLib::getLogFile() [[line 356](#)]

### **AmiLib::getLogFile()**

Return current log filename value

- **Access** public

*string* function AmiLib::getPassword() [[line 260](#)]

### **AmiLib::getPassword()**

Return current password manager

- **Access** public

*integer* function AmiLib::getPort() [[line 212](#)]

### **AmiLib::getPort()**

Return current port connection

- **Access** public

*array* function AmiLib::getResponse(0) [[line 605](#)]

### **Function Parameters:**

- *none* 0

### **AmiLib::getResponse()**

Wait for command response

Will return the response

- **Access** private

*string* function AmiLib::getServer() [[line 188](#)]

### **AmiLib::getServer()**

Return server address connection (Asterisk Server)

- **Access** public

*object* function AmiLib::getSocket() [[line 164](#)]

### **AmiLib::getSocket()**

Return current socket or NULL value

- **Access** public

*string* function AmiLib::getUsername() [[line 236](#)]

### **AmiLib::getUsername()**

Return current username manager

- **Access** public

*bool* function AmiLib::is\_connected() [[line 846](#)]

### **AmiLib::is\_connected()**

Check if the socket is connected

- **Access** public

*bool* function AmiLib::logout() [[line 834](#)]

### **AmiLib::logout()**

Logout of the current manager session attached to \$this->\_socket

- **Access** private

array function AmiLib::sendRequest(\$action, [\$parameters = array()]) [[line 707](#)]

**Function Parameters:**

- *string* **\$action** Manager Action
- *array* **\$parameters** AMI Commands

**AmiLib::sendRequest()**

Send a request to manager

- **Access** public

void function AmiLib::setAuthtype(\$authtype) [[line 296](#)]

**Function Parameters:**

- *string* **\$authtype**

**AmiLib::setAuthtype()**

Define authentication type

- **Access** private

void function AmiLib::setDebug(\$debug) [[line 320](#)]

**Function Parameters:**

- *bool* **\$debug**

## **AmiLib::setDebug()**

Define debug value

- **Access** private

*void* function AmiLib::setEventHandlers(\$eventhandler, \$callback) [[line 392](#)]

### **Function Parameters:**

- *array* **\$eventhandler**
- **\$callback**

## **AmiLib::setEventHandlers()**

Define event handlers value

- **Access** private

*void* function AmiLib::setLog(\$log) [[line 344](#)]

### **Function Parameters:**

- *bool* **\$log**

## **AmiLib::setLog()**

Define log value

- **Access** private

*void* function AmiLib::setLogFile(\$logfile) [[line 368](#)]

**Function Parameters:**

- *string* **\$logfile**

## **AmiLib::setLogFile()**

Define log filename value

- **Access** private

*void* function AmiLib::setPassword(\$password) [[line 272](#)]

**Function Parameters:**

- *string* **\$password**

## **AmiLib::setPassword**

Define password manager

- **Access** private

*void* function AmiLib::setPort(\$port) [[line 224](#)]

**Function Parameters:**

- *integer* **\$port**

## **AmiLib::setPort()**

Define port connection

- **Access** private

*void* function AmiLib::setServer(\$server) [[line 200](#)]

**Function Parameters:**

- *string* **\$server**

### **AmiLib::setServer()**

Define server address connection (Asterisk Server)

- **Access** private

*object* function AmiLib::setSocket(\$socket) [[line 176](#)]

**Function Parameters:**

- **\$socket**

### **AmiLib::setSocket()**

Define the socket stream

- **Access** private

*void* function AmiLib::setUsername(\$username) [[line 248](#)]

**Function Parameters:**

- *string* **\$username**

**AmiLib::setUsername()**

Define username manager

- **Access** private

## Appendix A - Class Trees

Package default

### AmiLib

- [AmiLib](#)



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