

IRCBot Lua Reference



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Main Lua Function

```
function main(messageData,messageComponents)
```

The main function that is called when executing a .lua file

messageData is an array of message components, it contains

Objects: raw sender hostmask msgType sentTo message

Location: 1 2 3 4 5 6

messageComponents is a subarray of messagedata's message.

Functions

Data

irc:[getRooms\(\)](#)

Returns an array of rooms the bot is connected to.

irc:[getActions\(\)](#)

Returns an array containing all the actions the bot can do.

irc:[getHostmasks\(\)](#)

Returns an array containing the hostmasks in the hostmask list.

irc:[getTriggers\(\)](#)

Returns an array containing the triggers the bot currently responds to.

irc:[getNickname\(\)](#)

Returns the the bots IRC nickname as a utf8_string.

irc:[getVersion\(\)](#)

Returns the current version number as a utf8_string.

Connection

irc:disconnectWithMessage(message)

Disconnects from the IRC server with the specified quit message

Note: message sometimes don't work, especially if you disconnect right after connecting

irc:joinRoom(roomName)

Joins the specified irc room.

irc:partRoom(roomName)

Parts the specified irc room.

Messaging

irc:sendMessage_to_(message, recipient)

Sends a IRC message to the recipient.

If you want more control you can always use, irc:sendRawMessage(message).

irc:sendNotice_to_(message, recipient)

Sends a irc notice to recipient.

If you want more control you can always use, irc:sendRawMessage(message).

irc:sendActionMessage_to_(message, recipient)

Sends a irc action message to recipient.

irc:sendRawMessage(message)

Sends a raw IRC message to the irc server.

For correct formatting see: [RFC 1459](#).

Access Managing

irc:addHostmask_block_(hostmask, boolean)

Adds the hostmask to the hostmask list with boolean to specify if it should be blocked.

irc:removeHostmask(hostmask)

Removes the specified hostmask from the hostmask list.

irc:blockHostmask(hostmask)

Blocks the specified hostmask from using any actions.

irc:unblockHostmask(hostmask)

Unblocks the specified hostmask and allows it to use the unrestricted actions.

irc:checkAuthFor(hostmask)

Checks if the specified hostmask is blocked.