

# ZVxScripts User Manual

October 17, 2013

## Part I

### Installing the Scripts

The *install.sh* shell script might be useful. If you do not have bash, the script can be installed manually like this:

1. Copy the js\_modules folder to the server.
2. Copy the scripts.js file to the server.
3. Copy the COPYING file to the server, and rename it ZVXSCRIPTS\_COPYING
4. Create a directory/folder, called *js\_databases* .

## Part II

### Permission Configuration

**WARNING:** The auth changing commands in the players menu *do not always work*. Use */setauth* instead.

You will probably want to set your administrator account to be in the ServerOperator group. This is a group created by default by the scripts when no groups exist. Type the following into the server console:

```
/usermod "your username goes here" -group=ServerOperator -add
```

To add Owners, type:

```
/setauth "username" -level=3
```

Which is an easy way to add users to the Owner group.

Keep in mind that the default configuration for the owner group does not have a lot of permissions! If you want to give members of the Owner group all permissions, type:

```
/groupmod -group=Owner -addperms=SERVEROP
```

You can add more groups with the *create* option:

```
/groupmod -create -group=MiniMod -addperms=MUTE,KICK
```

## Part III

### Using the scripts

#### 1 Command parser style

You can select between the *simple* or *optargs* command parser. The default and the one used in the examples is *optargs*. Some users may find *simple* easier. To change the parser mode for your account, register, then type:

```
/userconf commandParser = "simple"
```

OR

```
/userconf commandParser = "optargs"
```

*userconf* is an example of a parser neutral command, as it implements it's own parser, the above will always work.

Here are some comparisons:

**optargs:**

```
/ban "noob with spaces" 212.23.276.0/24 -time="4 hours" -reason=spamming
```

**simple:**

```
/ban noob with spaces*212.23.276.0/24:time=4 hours:reason=spamming
```

## 2 /commands

Use `/commands` or `/commands -all` to get a list of commands. It has fairly complete information and always lists *every* command that's relevant, but is rather brief. You may use `/commands -examples` as well, or `-examples -all` etc.

## 3 /modprobe

`/modprobe` will help you manage LSMs (loadable script modules.) By default, it will list loaded modules. If you include modules as arguments, it will list information about that module.

`/modprobe` has a few options as well:

**load** Loads modules

**reload** Loads modules, if they were already loaded then unloads them first.

**unload** Removes modules

## 4 /ioctl

`/ioctl` provides you with a critical command to manage the script databases in a simple and straightforward manner. By default it lists the databases open. You also have a few options to apply to open databases:

**all** Changes the selected databases to include all databases, not just the ones you listed manually.

**commit** Commits all database changes to file.

**sync** Synchronizes all databases to file. Basically the same as commit except this writes the *whole* database, not just changes. Will merge all commits into the database.

**backup** Makes a copy of the entire database and writes it to a file.

**purge** Delete database.

Note that databases automatically commit data every once in a while and synchronize at open and close, by default.

## 5 /eval

Used by nearly every script admin. This allows you run arbitrary code on the server.

## 6 Security Commands

### 6.1 /ban

Ban player names, ip addresses, subnets, or regular expressions from the server.

#### 6.1.1 Options

**reason** Specify a reason for the ban.

**time** Specify a duration for the ban.

**silent** Might not show a message.

**ip** For all listed usernames, ban their IP address also.

### 6.2 /mute

Mute player names, ip addresses, subnets, or regular expressions in the server.

#### 6.2.1 Options

**reason** Specify a reason for the mute.

**time** Specify a duration for the mute.

**silent** Might not show a message.

**ip** For all listed usernames, ban their IP address also.