

HWServer – Administrative Guide

Target server version: 0.0.0.2 "EA-RC2"

1. Introduction

This document is for administrators who want to set up the software on a server. Its purpose is to document the installation process, the file structure maintained and the process of upgrading from a lower to the version listed above.

2. Installation

1. Download the servers archive
2. Extract it into the desired working directory
 - There should be the server.jar and a "libraries" folder
3. Run the server.jar
Example command:
`"java -jar hwserver.jar --debug -log-no-trace"`
4. The Server should now start and also create all necessary files and directories within its working directory
 - The servers configuration can be customized in the corresponding file in the "conf" directory
 - Configuration for groups can be found in the corresponding group folder

3. Automatically maintained directories and files

The server automatically maintains the folders containing HomeWork (identified by year names in the group folder).

The server also maintains configuration files when missing keys are detected.

The server may also maintain group configs to edit users in the future.

4. Upgrading from lower versions

1. Delete the "libraries" folder
2. Complete the installation of the new version

Additional information:

List of supported start arguments:

Argument	Value (type)	Effect
--config	Path to the configuration file	Loads configuration from a different path
--debug	<none>	Enables debug mode LogLevel: Finest Trace: Enabled
--log-no-trace	<none>	Disables Trace information in the log Only effective with -debug

List of supported start arguments: Updater

Argument	Value (type)	Effect
--mode	Integer (1 - 2)	Directly manipulates the mode of the updater
--select	Version-Num (e.g. "0.0.0.1")	Selects this specific version for download or update-check
--search-url	URL to SearchIndex	Redirects the SI request
--url	URL to UpdateIndex	Redirects the UI request, skips SI request Next arg becomes mandatory
--url-type	UI-type	Defines the Update-Index type
--check-only	<none>	Runs update check, then exits
--force-download	<none>	Will always download the selected Release
--o=<key>,<value>	Custom option, reachable by custom update indicies	Sets option <key> to <value>

Remember:

When starting the server, the name of each Updater-Argument has to be prefixed using "u:". E.g. "--url" becomes "--u:url".