STRONGHOLD CMD

Installation and Setup

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Install MySQL Community Server

Stronghold CMD uses MySQL Databases to store the data it needs. To setup MySQL you will need to download and install the MySQL Community Server, either the 64-bit or 32-bit for windows, depending on your operating system and hardware. This software is free of charge and can be downloaded without an account at this address: http://www.mysql.com/downloads/

At the first page of the configuration you will want to select a developer machine if you have only a small amount of memory on your system (6GB or less) or a Server Machine if you have more. On the second page you will want to setup a Multifunctional Database. Now Select the installation path to where you want to setup the database. The maximum number of concurrent connections will be very low, so select the Decision Support (DSS)/OLAP. Since Project 13 does not currently have any TCP/IP functions that will access this database, deselect enable TCP/IP networking. Leave strict mode enabled. Select the Standard Character Set, which should be Latin1. MySQL should be installed as a Windows Service. Create a password for the database or keep the default password *root*. Hit Execute to finish the setup of the MySQL Server.

Install and Setup Stronghold CMD

Included in the download is a installation file for Stronghold CMD. Run the setup wizard with default settings.

You will now want to also install a Z-Wave USB stick and its drivers, I recommend the Z-Stick from AEOTECH. Typically online home automation stores sell these, but they can also be found on internet marketplaces such as Amazon. Next install some speakers (headsets are not recommended) and a Microphone that can capture the noise in the entire room, I recommend the Snowflake microphone by Blue.

You can now run Stronghold CMD. The first screen your are presented with is the settings screen. If you are running the Stronghold CMD databases off the same server/computer as the Stronghold CMD program, you can specify *localhost* as the IP Address, otherwise enter the IP address of the server/computer hosting the MySQL databases. Next enter the password that you used when you setup the MySQL databases. In most cases *root* is the default password.

Z-Wave Nodes

Once Stronghold CMD is running check the bottom left corner of the screen where the Z-Wave status is located. Once this says “All Devices Ready” you are then able to add a Z-Wave Node. Move your mouse to the top of the screen and click Z-Wave Nodes from the slide menu. Give your Z-Wave node a friendly name and click add node. Then you will be prompted to include a node in network. Pressing the program button on your Z-Wave enabled light switch to add it to the network. If Stronghold CMD returns with “Command Completed Successfully” then you have correctly added the node to the network.

Computer Nodes

To add a computer to the list of registered computers, you will first need to install the Stronghold CMD Client that is included in the Stronghold CMD download on the target computer. Once this is complete move your mouse to the top of the screen to reveal the slide menu. Click Computer Nodes and you will be presented with a screen to add a computer node. Type in the IP address of the computer and give the node a friendly name. The IP address of your computer can be obtained by running a command prompt and running the command

“ipconfig”. You will then want to note the IPv4 address. Once you have added the computer node you can then start sending commands to the computer in question.

Support
If you are having trouble installing or setting up Stronghold CMD visit www.hobbyware.org for more information. You can also contact me at t3rr0rbyte13@hobbyware.org and I will do my best to help you out.

Enjoi!