

# Useful utilities

Useful guides on commonly used commands and configuring mods/plugins

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# FTB Backups 2

To change how frequently the FTB Backups 2 mod creates a backup, navigate to the Files page on the panel and open the config folder, in there you will find a file named **ftbbackups2.json** or **ftbbackups2.json5**, double click this file to open it.

With the file opened, find the option named `"backup_cron"` this will be set to something similar to `"0 */30 * * * ?"`

The format used for this is seconds, minutes, hours, day of month, month, day of week.

Examples of common configuration options are:

Expression	Description
<code>0 */30 * * * ?</code>	Every 30 minutes at 0 seconds
<code>0 0 */1 * * ?</code>	Every hour at 0 minutes and 0 seconds
<code>0 0 */2 * * ?</code>	Every 2 hours at 0 minutes and 0 seconds
<code>0 0 */4 * * ?</code>	Every 4 hours at 0 minutes and 0 seconds
<code>0 0 */6 * * ?</code>	Every 6 hours at 0 minutes and 0 seconds

## Special characters

Credit to <http://www.quartz-scheduler.org/documentation/quartz-2.3.0/tutorials/crontrigger.html>

- `*` ("*all values*") - used to select all values within a field. For example, `"*"` in the minute field means "*every minute*".
- `?` ("*no specific value*") - useful when you need to specify something in one of the two fields in which the character is allowed, but not the other. For example, if I want my trigger to fire on a particular day of the month (say, the 10th), but don't care what day of the week that happens to be, I would put `"10"` in the day-of-month field, and `"?"` in the day-of-week field. See the examples below for clarification.
- `-` - used to specify ranges. For example, `"10-12"` in the hour field means "*the hours 10, 11 and 12*".
- `,` - used to specify additional values. For example, `"MON,WED,FRI"` in the day-of-week field means "*the days Monday, Wednesday, and Friday*".
- `/` - used to specify increments. For example, `"0/15"` in the seconds field means "*the seconds 0, 15, 30, and 45*". And `"5/15"` in the seconds field means "*the seconds 5, 20, 35,*

and 50". You can also specify '/' after the ' character - in this case ' is equivalent to having '0' before the '/'. '1/3' in the day-of-month field means *"fire every 3 days starting on the first day of the month"*.

- **L** ("last") - has different meaning in each of the two fields in which it is allowed. For example, the value "L" in the day-of-month field means *"the last day of the month"* - day 31 for January, day 28 for February on non-leap years. If used in the day-of-week field by itself, it simply means "7" or "SAT". But if used in the day-of-week field after another value, it means *"the last xxx day of the month"* - for example "6L" means *"the last friday of the month"*. You can also specify an offset from the last day of the month, such as "L-3" which would mean the third-to-last day of the calendar month. *When using the 'L' option, it is important not to specify lists, or ranges of values, as you'll get confusing/unexpected results.*
- **W** ("weekday") - used to specify the weekday (Monday-Friday) nearest the given day. As an example, if you were to specify "15W" as the value for the day-of-month field, the meaning is: *"the nearest weekday to the 15th of the month"*. So if the 15th is a Saturday, the trigger will fire on Friday the 14th. If the 15th is a Sunday, the trigger will fire on Monday the 16th. If the 15th is a Tuesday, then it will fire on Tuesday the 15th. However if you specify "1W" as the value for day-of-month, and the 1st is a Saturday, the trigger will fire on Monday the 3rd, as it will not 'jump' over the boundary of a month's days. The 'W' character can only be specified when the day-of-month is a single day, not a range or list of days.

“ The 'L' and 'W' characters can also be combined in the day-of-month field to yield 'LW', which translates to *"last weekday of the month"*.

- **#** - used to specify "the nth" XXX day of the month. For example, the value of "6#3" in the day-of-week field means *"the third Friday of the month"* (day 6 = Friday and "#3" = the 3rd one in the month). Other examples: "2#1" = the first Monday of the month and "4#5" = the fifth Wednesday of the month. Note that if you specify "#5" and there is not 5 of the given day-of-week in the month, then no firing will occur that month.

“ The legal characters and the names of months and days of the week are not case sensitive. MON is the same as mon.

# FTB Utilities

This page is currently a work in progress and may not be complete

The following guide contains a list of useful commands added by FTB Utilities, it will also cover how to configure the commands and other aspects of the mod.

## Commands

FTB Utilities is a mod that adds the following commands to servers.

Argument types: `<required>`, `[optional]`

<code>/warp &lt;name&gt;</code>	Teleport to a specified warp location
<code>/setwarp &lt;name&gt;</code>	Creates a new warp location
<code>/delwarp &lt;name&gt;</code>	Removes specified warp
<code>/home [name]</code>	Teleport to your set home
<code>/sethome [name]</code>	Creates a new home point
<code>/delhome [name]</code>	Deletes your home point
<code>/tpl &lt;player&gt;</code>	Teleports to the last known position of a player
<code>/tpa &lt;player&gt;</code>	Sends a TP request to another player. If they accept it, player will be teleported to them
<code>/tpaccept &lt;player&gt;</code>	Accept TP request
<code>/back</code>	Teleport to the previous location before death/teleport
<code>/spawn</code>	Teleport to the world spawn
<code>/mute &lt;player&gt;</code>	Mutes player. They can no longer send chat messages
<code>/unmute &lt;player&gt;</code>	Umutes player
<code>/heal [player]</code>	Heal yourself or the specified player

/killall [type]	Kills all non-player, non-basic entities. Type can be specified
/nbtdedit	Edits NBT of block or entity player is currently looking at
/nbtdedit block <x> <y> <z>	Edits block NBT at coordinates
/nbtdedit entity <id>	Edits entity from it's ID
/nbtdedit player <player>	Edits player NBT
/nbtdedit item	Edits the NBT data of the held item
/fly	Toggle creative flight
/leaderboards [id]	Shows leaderboard list. Specify ID to see a leaderboard
/cycle_block_state	Requires FTB Library debug commands enabled. Cycles block you are looking at states/rotations/types
/dump_chunkloaders	Requires FTB Library debug commands enabled. Dumps a list of all chunk loaders in world
/nick [nickname...]	Changes your own nickname. Can contain spaces
/nickfor <player> [nickname...]	Changes nickname for another person
/inv view <player>	Opens the inventory of the specified player
/inv disable_right_click	Disables right clicking with the currently held items

## Permissions

WIP