PocketMine-MP Documentation

Release 1.6dev

Intyre

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Pocket@Mine

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Introduction



PocketMine-MP is a server software for Minecraft PE (Pocket Edition). It has a *Plugin API* that enables a *developer* to extend it and add new features, or change default ones.

Supported features

- Get all your friends in one server. Or run a public server.
- Disables flying, item hack, running & more. With an On/Off switch.
- Extend the game in the way you want, add awesome features.
- Teleport players, whitelist your server, tune the server, Remote Console.
- Load different levels at once, and teleport back and forth.
- Endless features, and we continuously implement new things.

Contact and Support

- PocketMine Forums
- #pocketmine for support @ chat.freenode.net

Requirements

PocketMine-MP.phar, the main component, is needed to run PocketMine-MP. PocketMine-MP requires a few extra extensions because of that you need a custom build PHP binary. We precompiled a few binaries. If you have problems, you could try to compile PHP with our compile script. Got problems? *Contact and Support*.

Download links

- Windows PHP binaries
- Linux/MacOS install script
- Linux/MacOS PHP binaries
- PocketMine-MP.phar

Supported MCPE Versions

To check the current PocketMine-MP supported protocol version, run the version command in PocketMine-MP. Running the version command outputs:

```
This server is running PocketMine-MP 1.6.2dev Unleashed implementing API version 3.0.0-ALPHA5 for Minecraft: PE v1.0.7.0 (protocol version 107)
```

The game version reported by the server is the minimum supported version. Newer **patch** versions of the game are sometimes compatible with older versions, so before asking for an updated version, try and see if you can connect to your current server first. If a version is not listed here, it usually either means that there were no protocol changes between the listed versions, so look at the newest entry before your version.

Minecraft version	Protocol version
v1.1.0.9	112
v1.1.0.8	111
v1.1.0.0	110
v1.0.7.0	107
v1.0.6.0	106
v1.0.5.0	105
v1.0.4.1	102
v1.0.3.0	101
v1.0.0.0	100
v0.17.0.2	92
v0.16.0.5	91
v0.15.90.1	90
v0.15.10.0	84
v0.15.9.0	83
v0.15.4.0	82
v0.15.0.0	81
v0.14.3.0	70
C	Continued on next page

Table 3.1 – continued from previous page

Minecraft version	Protocol version
v0.14.2.0	60
v0.14.0.7	45
v0.14.0.6	44
v0.14.0.5	43
v0.14.0.4	43
v0.14.0.3	42
v0.14.0.1	41
v0.13.2.0	39
v0.13.0.4	38
v0.13.0.3	38
v0.13.0.2	37
v0.13.0.1	37
v0.11.0.14	27
v0.11.0.11	26
v0.11.0.8	25
v0.11.0.7	24
v0.11.0.5	23
v0.11.0.4	22
v0.11.0.1	21
v0.10.0.6	20
v0.10.0.1	19
v0.9.5.0	18
v0.9.0.12	17
v0.9.0.7	16
v0.9.0.2	15
v0.8.1.0	14
v0.7.4.0	12
v0.7.0.0	11
v0.6.1.0	9
v0.6.0.0	9
v0.5.0.0	8
v0.4.0.0	7
v0.3.3.0	6
v0.3.2.0	5
v0.3.0.0	4
v0.2.2.0	3
v0.2.1.0	3
v0.2.0.0	2
v0.1.3.0	
v0.1.2.0	
v0.1.1.0	
v0.1.0.0	

Installation

Installing on Windows

Download the latest PHP binary from Bintray. Use the installer to install PocketMine-MP. The installer may have an outdated version of PocketMine-MP. You can download the latest .phar from Jenkins.

Warning: If the provided x64 binary does not work then try the x86 binary.

Installing on Linux/MacOS

Warning: Only works on Linux or MacOS.

Use curl or wget to install PocketMine-MP using the following command.

Error: It is recommended to run it as a normal user as it doesn't need further permissions.

Do not run the installer as root, this is discouraged.

Installing manually

Did the installer fail? It is not your taste? YOLO? DIY!

Using .phar

- 1. Create a new directory for PocketMine-MP.
- 2. Download PocketMine-MP.phar from Jenkins.
- 3. Rename the .phar to PocketMine-MP.phar.
- 4. Place it in the PocketMine-MP directory you just created.

Using GitHub

```
$ git clone --recursive https://github.com/pmmp/pocketmine-mp.git pocketmine-mp.git
Cloning into 'pocketmine-mp.git'...
remote: Counting objects: 34068, done.
remote: Compressing objects: 100% (13/13), done.
remote: Total 34068 (delta 2), reused 0 (delta 0), pack-reused 34055
Receiving objects: 100% (34068/34068), 9.89 MiB | 1.79 MiB/s, done.
Resolving deltas: 100% (25602/25602), done.
Checking connectivity... done.
Submodule 'src/pocketmine/qui' (https://github.com/pmmp/pocketmine-mp-qui.git)
→registered for path 'src/pocketmine/gui'
Submodule 'src/raklib' (https://github.com/pmmp/raklib.git) registered for path 'src/
→raklib'
Submodule 'src/spl' (https://github.com/pmmp/pocketmine-spl.git) registered for path
→'src/spl'
Submodule 'tests/TesterPlugin' (https://github.com/pmmp/testerplugin.git) registered_
→for path 'tests/TesterPlugin'
Cloning into 'src/pocketmine/gui'...
remote: Counting objects: 26, done.
remote: Compressing objects: 100% (21/21), done.
remote: Total 26 (delta 4), reused 26 (delta 4), pack-reused 0
Unpacking objects: 100% (26/26), done.
Checking connectivity... done.
Submodule path 'src/pocketmine/gui': checked out
→ 'b551c3d58ec2fd9fa0f3c92d36fcbaa5c70467f7'
Cloning into 'src/raklib'...
remote: Counting objects: 577, done.
remote: Total 577 (delta 0), reused 0 (delta 0), pack-reused 577
Receiving objects: 100% (577/577), 141.29 KiB | 0 bytes/s, done.
Resolving deltas: 100% (432/432), done.
Checking connectivity... done.
Submodule path 'src/raklib': checked out '660bdff07d85c0270e57da2a5ce69eff2a87649a'
Cloning into 'src/spl'...
remote: Counting objects: 65, done.
```

Getting PHP and the start script

- 1. Downlad your flavor PHP binary.
 - Windows Bintray
 - · MacOS Bintray
 - CentOS Bintray
 - Linux Bintray
 - Linux ARM Bintray
 - Raspbian Bintray
- 2. Extract the PHP binary
- 3. Download the start.sh
- 4. Make start.sh executable (chmod +x start.sh)

Starting for the first time

Now you should be able to start PocketMine-MP. The first time it starts with a set-up wizard, this can be disabled by running ./start.sh --no-wizard.

```
$ ./start.sh
[*] PocketMine-MP set-up wizard
[*] Please select a language:
English => en
Español => es
\ddot{a}_x = + \Rightarrow zh
Pycc\ddot{A}, \dot{D}, \dot{D}^1 => ru
æ--¥æœ¬èªž => ja
Deutsch => de
한êµì-′ => ko
Nederlands => nl
Français => fr
Italiano => it
Melavu => ms
Norsk => no
Svenska => sv
Suomi => fi
```

```
TürkÃSe => tr
[?] Language (en):
```

PocketMine-MP supports a few other languages. Fill in the two letters behind the language and press enter. Is your language not in the list? Add it on Crowdin.

```
[*] English has been correctly selected.
Welcome to PocketMine-MP!
Before starting setting up your new server you have to accept the license.
PocketMine-MP is licensed under the LGPL License,
that you can read opening the LICENSE file on this folder.

This program is free software: you can redistribute it and/or modify
it under the terms of the GNU Lesser General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.

[?] Do you accept the License? (y/N):
```

Do you accept the License?

```
[?] Do you want to skip the set-up wizard? (y/N):
```

You can skip the wizard from here and start the server with the default settings or continue.

```
[*] You are going to set up your server now.
[*] If you don't want to change the default value, just press Enter.
[*] You can edit them later on the server.properties file.
[?] Give a name to your server (Minecraft: PE Server):
[*] Do not change the default port value if this is your first server.
[?] Server port (19132):
[*] The RAM is the maximum amount of memory PocketMine-MP will use. A value of 128-
→256 MB is recommended
[?] Server RAM in MB (256):
[*] Choose between Creative (1) or Survival (0)
[?] Default Game mode: (0):
[?] Max. online players (20):
[*] The spawn protection disallows placing/breaking blocks in the spawn zone except,
→for OPs
[?] Enable spawn protection? (Y/n):
[*] An OP is the player admin of the server. OPs can run more commands than normal.
→plavers
[?] OP player name (example, your game name):
[!] You will be able to add an OP user later using /op <player>
[*] The white-list only allows players in it to join.
[?] Do you want to enable the white-list? (y/N):
[!] Query is a protocol used by different tools to get information of your server and,
⇒players logged in.
[!] If you disable it, you won't be able to use server lists.
[?] Do you want to disable Query? (y/N):
[*] RCON is a protocol to remote connect with the server console using a password.
[?] Do you want to enable RCON? (y/N):
[*] Getting your external IP and internal IP
[!] Your external IP is 87.212.35.149. You may have to port-forward to your internal.
→IP 192.168.0.150
[!] Be sure to check it, if you have to forward and you skip that, no external.
→players will be able to join. [Press Enter]
[*] You have finished the set-up wizard correctly
```

```
[*] Check the Plugin Repository to add new features, minigames, or advanced.
→protection to your server
[*] PocketMine-MP will now start. Type /help to view the list of available commands.
[Server thread/INFO]: Loading pocketmine.yml...
[Server thread/INFO]: Loading server properties...
[Server thread/INFO]: Selected English (eng) as the base language
[Server thread/INFO]: Starting Minecraft: PE server version v0.11.0 alpha
[Server thread/NOTICE]: The memory-limit setting has been deprecated.
[Server thread/NOTICE]: There are new memory settings on pocketmine.yml to tune,
\rightarrowmemory and events.
[Server thread/NOTICE]: You can also reduce the amount of threads and chunks loaded_
⇒control the memory usage.
[Server thread/INFO]: Opening server on 0.0.0.0:19132
[Server thread/INFO]: This server is running PocketMine-MP version 1.5dev-1254
\rightarrow" (Kappatsu) (Fugu) " (API 1.12.0)
[Server thread/INFO]: PocketMine-MP is distributed under the LGPL License
[Server thread/INFO]: Preparing level "world"
[Server thread/INFO]: Starting GS4 status listener
[Server thread/INFO]: Setting query port to 19132
[Server thread/INFO]: Query running on 0.0.0.0:19132
[Server thread/INFO]: Default game type: Survival Mode
[Server thread/INFO]: Done (19.485s)! For help, type "help" or "?"
```

The server should have started now and you should be able to join.

Configuration

Default configuration files

server.properties

More info about the properties can be found on the Minecraft wiki.

```
server-name=Minecraft: PE Server
server-port=19132
memory-limit=256M
gamemode=0
max-players=20
spawn-protection=16
\\ \text{white-list=off}
enable-query=on
enable-rcon=off
motd=Minecraft: PE Server
announce-player-achievements=on
allow-flight=off
spawn-animals=on
spawn-mobs=on
force-gamemode=off
hardcore=off
pvp=on
{\tt difficulty=1}
generator-settings=
level-name=world
level-seed=
level-type=DEFAULT
rcon.password=1T47ZUZs8L
auto-save=on
```

pocketmine.vml

```
# Main configuration file for PocketMine-MP
# These settings are the ones that cannot be included in server.properties
# Some of these settings are safe, others can break your server if modified.
\rightarrow incorrectly
# New settings/defaults won't appear automatically on this file when upgrading.
settings:
#Three-letter language code for server-side localization
#Check your language code on https://en.wikipedia.org/wiki/List_of_ISO_639-2_codes
language: "eng"
#Whether to send all strings translated to server locale or let the device handle.
\hookrightarrow them
force-language: false
shutdown-message: "Server closed"
 #Allow listing plugins via Query
query-plugins: true
 #Show a console message when a plugin uses deprecated API methods
deprecated-verbose: true
#Enable plugin and core profiling by default
enable-profiling: false
#Will only add results when tick measurement is below or equal to given value.
→ (default 20)
profile-report-trigger: 20
 #Number of AsyncTask workers.
#Used for plugin asynchronous tasks, world generation, compression and web.
\rightarrow communication.
 #Set this approximately to your number of cores.
 #If set to auto, it'll try to detect the number of cores (or use 2)
async-workers: auto
memory:
#Global soft memory limit in megabytes. Set to 0 to disable
#This will trigger low-memory-triggers and fire an event to free memory when the
→usage goes over this
global-limit: 512
#Main thread soft memory limit in megabytes. Set to 0 to disable
#This will trigger low-memory-triggers and fire an event to free memory when the
→usage goes over this
main-limit: 320
#Period in ticks to check memory (default 1 second)
check-rate: 20
 #Continue firing low-memory-triggers and event while on low memory
continuous-trigger: true
#Only if memory.continuous-trigger is enabled. Specifies the rate in memory.check-
→rate steps (default 30 seconds)
continuous-trigger-rate: 30
garbage-collection:
  #Period in ticks to fire the garbage collector manually (default 30 minutes), set,
\rightarrowto 0 to disable
  #This only affect the main thread. Other threads should fire their own collections
 period: 36000
```

```
#Fire asynchronous tasks to collect garbage from workers
 collect-async-worker: true
 #Trigger on low memory
 low-memory-trigger: true
max-chunks:
 #Limit of chunks to load per player, overrides chunk-sending.max-chunks
 trigger-limit: 96
 #Do chunk garbage collection on trigger
 trigger-chunk-collect: true
 #Trigger on low memory
 low-memory-trigger: true
world-caches:
 disable-chunk-cache: true
 low-memory-trigger: true
network:
#Threshold for batching packets, in bytes. Only these packets will be compressed
#Set to 0 to compress everything, -1 to disable.
batch-threshold: 256
#Compression level used when sending batched packets. Higher = more CPU, less_
→bandwidth usage
compression-level: 7
#Use AsyncTasks for compression. Adds half/one tick delay, less CPU load on main_
async-compression: false
#Experimental, only for Windows. Tries to use UPnP to automatically port forward
upnp-forwarding: false
debug:
#If > 1, it will show debug messages in the console
level: 1
#Enables /status, /gc
commands: false
level-settings:
#The default format that levels will use when created
default-format: mcregion
#If true, converts from a format that is not the default to the default format on.
→load
#NOTE: This is currently not implemented
convert-format: false
#Automatically change levels tick rate to maintain 20 ticks per second
auto-tick-rate: true
auto-tick-rate-limit: 20
 \#Sets the base tick rate (1 = 20 ticks per second, 2 = 10 ticks per second, etc.)
base-tick-rate: 1
 #Tick all players each tick even when other settings disallow this.
always-tick-players: false
chunk-sending:
#Amount of chunks sent to players per tick
```

```
per-tick: 4
 #Amount of chunks sent around each player
max-chunks: 192
 #Amount of chunks that need to be sent before spawning the player
spawn-threshold: 56
#Save a serialized copy of the chunk in memory for faster sending
#Useful in mostly-static worlds where lots of players join at the same time
cache-chunks: false
chunk-ticking:
#Max amount of chunks processed each tick
per-tick: 40
#Radius of chunks around a player to tick
tick-radius: 3
light-updates: false
clear-tick-list: true
chunk-generation:
#Max. amount of chunks in the waiting queue to be generated
queue-size: 8
#Max. amount of chunks in the waiting queue to be populated
population-queue-size: 8
ticks-per:
animal-spawns: 400
monster-spawns: 1
autosave: 6000
cache-cleanup: 900
spawn-limits:
 monsters: 70
 animals: 15
 water-animals: 5
 ambient: 15
auto-report:
#Send crash reports for processing
enabled: true
send-code: true
send-settings: true
send-phpinfo: false
host: crash.pocketmine.net
anonymous-statistics:
#Sends anonymous statistics for data aggregation, plugin usage tracking
enabled: true
host: stats.pocketmine.net
auto-updater:
enabled: true
on-update:
 warn-console: true
 warn-ops: true
 #Can be development, beta or stable.
preferred-channel: beta
 #If using a development version, it will suggest changing the channel
suggest-channels: true
host: www.pocketmine.net
```

Updating

- Manually update
 - Update PHP binary
 - Update PocketMine-MP

Manually update

Update PHP binary

Download the PHP binary for your OS:

- Windows
- MacOS
- CentOS
- Linux
- Linux ARM
- Raspbian

Update PocketMine-MP

- Download the .phar matching your MCPE version from *here*.
- Change the name to PocketMine-MP.phar
- Place it in the server folder

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• Start the server and make sure the versions match

Note: Don't forget to rename the file to ${\tt PocketMine-MP.phar}$

FAQ

Installation

Failed loading opcache.so php5

This will happen when the installer is not used or when PocketMine-MP was moved. This can be fixed with a single command.:

or manually by editing the bin/php5/bin/php.ini file.

- 1. Find opcache. so in the bin directory.
- 2. Edit bin/php5/bin/php.ini and replace everything after zend_extensions= with the full path of opcache.so

Failed loading opcache.so php7

This will happen when the installer is not used or when PocketMine-MP was moved. This can be fixed with a single command.:

```
sed "s/^zend_extension=.*opcache.so/zend_extension=$(find $(pwd) -name opcache.so |_
→sed 's/\/\\\//g')/g" bin/php7/bin/php.ini | tee bin/php7/bin/php.ini
```

or manually by editing the bin/php7/bin/php.ini file.

- 1. Find opcache. so in the bin directory.
- 2. Edit bin/php7/bin/php.ini and replace everything after zend_extensions= with the full path of opcache.so

Can't install as user root

Warning: This script is running as root, this is discouraged. It is recommended to run it as a normal user as it doesn't need further permissions.

We recommend you to install PocketMine-MP as a normal user, not as root. Create one if you don't have one.

```
useradd -d /home/pocketmine -m pocketmine passwd pocketmine
```

Can I install PocketMine-MP on Windows XP

PocketMine-MP can not be installed on Windows XP. Is it an old computer? Try Linux!

Connecting

Can't connect to the server

Run the version command to check the supported MCPE version or Supported MCPE Versions.

Example:

```
for Minecraft: PE v0.10.5 alpha protocol version 20
for Minecraft: PE v0.11.0 alpha (protocol version 27)
```

Opening server on 0.0.0.0:19132

0.0.0.0 means "all IPv4 addresses on the local machine". If a host has two ip addresses, 192.168.1.1 and 10.1.2.1, and a server running on the host listens on 0.0.0.0, it will be reachable at **both** of those IPs.

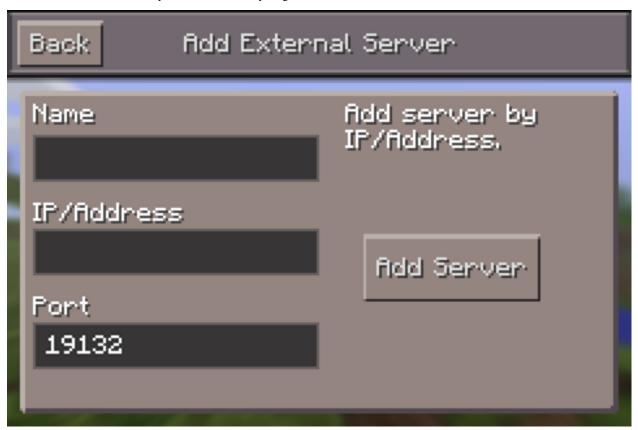
How do I connect to a server



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Fill in the server details and you should be ready to go!



Note: A local server should show up on the Play screen without adding the details.

Do I have to open ports

If you have a firewall setup then you need to allow access to UDP port 19132.

Note: Do you want to use **RCON** then TCP port 19132 also needs to be open.

Can other users connect to my server

Users on the same network are able to join the server. If you want other people from outside your own network to be able to join then you need to port-forward.

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Do I have to configure port forwarding

This is only needed when you want people from outside your network to connect. Check portforward.com or use Google to find the instructions. Use the brand and type of your router as keywords.

Note:

• UDP port: 19132 for PocketMine-MP and Query

• TCP port: 19132 for RCON

RakLib Thread Blocked x.x.x.x for x seconds

Timeout	Reason	
5 seconds	Error on a normal MCPE packet	
300 seconds	00 seconds More then 5000 packets per tick from one address	
600 seconds	Errors on external packet (like Query or RCON)	

Can't connect to localhost Win10 server with Minecraft Win10 Edition

Launch Window PowerShell as an administrator and run the following:

CheckNetIsolation LoopbackExempt -a -n="Microsoft.MinecraftUWP_8wekyb3d8bbwe"

Playing

Can PC Minecraft clients connect to this server

No

Plugins

How do I install plugins

Download the .phar file and move it to the plugins folder.

Can I use .php files

Yes, but only when the DevTools plugin is installed and the plugin/PocketMine API versions are both the same. Take a look at the *plugin example*

For small test plugins there is a new way, check out this forum thread

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Developers Information

Contributing Code

- Use the Pull Request system, your request will be checked and discussed.
- Create a single branch for that pull request
- Code using the syntax as in PocketMine-MP. See below for an example.
- The code must be clear and written in English, comments included.

Check the Contribution Guidelines on github for more information.

Thanks for contributing to PocketMine-MP!

Extending PocketMine-MP

PocketMine-MP has an API that you can use to add new things. For more information look at the *plugins* page.

How to use git

Clone PocketMine-MP

Get the clone URL from pmmp/pocketmine-mp

```
$ git clone --recursive https://github.com/pmmp/pocketmine-mp.git # clone the_
original repository into PocketMine-MP.git
$ cd pocketmine-mp.git # change directory to PocketMine-MP.git
```

How to make a pull request

Go to the pmmp/pocketmine-mp repository and hit the **Fork** button. You should now have a forked repo from **pmmp/pocketmine-mp** in your own repositories.



PocketMine-MP

forked from PocketMine/PocketMine-MP

Get the clone URL from the fork and clone it into another directory:

```
$ git clone git clone <YOUR SSH/HTTPS clone URL> pocketmine-mp-fork.git # clone the_
→ original repository into PocketMine-MP-Fork.git
$ git checkout -b feature # create and switch to branch feature (it can be any name)
$ git branch # shows current branch
* feature # current branch
master
```

Make your changes to the code and commit it:

Note: Only commit changes described in the commit message

```
$ git status # check the status
$ git add <filename> # add all changed files
$ git commit -m 'description of changes' # make a commit with a message
$ git push origin feature # push to your branch
```

Take a look at GitHub and make a pull request. If the pull request is accepted and merged, you can pull the changes back into your fork.

Note: To pull from the original repository you need to add the upstream \$ git remote add upstream https://github.com/pmmp/pocketmine-mp.git

Remove the branch you made with

```
$ git branch -d feature # remove the branch to keep it clean
```

Plugins

PocketMine is extendable!

Plugins are available on Poggit or you can make your own plugin.

Below is an skeleton with the minimal needed directories, files and content.

Note: To run plugins from source or *create .phar files* you need DevTools.

Basic plugin structure

- Directories
- plugin.yml
- Example.php

Directories

Make sure your base structure looks like this

```
PocketMine-MP
- plugins
- Example
- plugin.yml
- src
- Example
- Example
- Example.php
```

plugin.yml

This file is required in a plugin. It contains the information used by PocketMine-MP to load this plugin. It's in YAML format (you will use this format for plugin configurations). It has four required fields: name, version, api and main. Each one of these fields (and all the optional ones) are described on the plugin.yml page. Be sure that it is named exactly plugin.yml.

field	data	
name	The name for your plugin	
main	The namespace and classname pointing to your main plugin class. It is case sensitive	
version	The version string of your plugin	
api	Minimal PocketMine-MP API version required for your plugin (current)	

```
name: Example
main: Example \texample
version: 1.0.0
api: 2.1.0
```

Example.php

Now, create the main class file, that will include the PluginBase Class that starts the plugin. You can name it whatever you want, but a common way to name it is like the plugin name or Main.

Create .phar files

The easiest way to release a plugin is in .phar format. To create a .phar you need DevTools.

- 1. Start PocketMine-MP
- 2. Make sure the plugin is loaded. Look for Loading source plugin

3. Run makeplugin <plugin name>

The <plugin name> should be the same as the name in plugin.yml.

```
# Output for the Example plugin
[Server thread/INFO]: Loading source plugin Example v1.0.0
[Server thread/INFO]: [Example] onLoad() has been called!
[Server thread/INFO]: Enabling Example v1.0.0
[Server thread/INFO]: [Example] onEnable() has been called!
makeplugin Example
[Server thread/INFO]: [DevTools] Adding plugin.yml
[Server thread/INFO]: [DevTools] Adding src/Example/Example.php
[Server thread/INFO]: Phar plugin Example v1.0.0 has been created on /Pocketmine-MP/

dev/plugins/DevTools//Example_v1.0.0.phar
```

More examples

Commands

```
name: Example
main: Example\Example
version: 1.0.0
api: 1.12.0

commands:
   example1:
   description: "Example1 command"
   usage: "/example1"
   example2:
   descroption "Example2 command with arguments"
   usage: "/example2 <args>"
```

```
<?php
   namespace Example;
   use pocketmine\plugin\PluginBase;
   use pocketmine\command\Command;
   use pocketmine\command\CommandSender;
   class Example extends PluginBase{
       public function onCommand(CommandSender $sender, Command $command, $label, array
10

⇒$args) {
11
           switch($command->getName()) {
12
                case "example1":
                    // do stuff
13
                    return true;
14
                case "example2":
15
                    if (count($args) == 0 ) {
16
                        return false;
18
                    var_dump($args); // do stuff
19
                    return true;
20
21
```

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```
22 }
23 }
```

Resources

• Plugin Development forum

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Issues

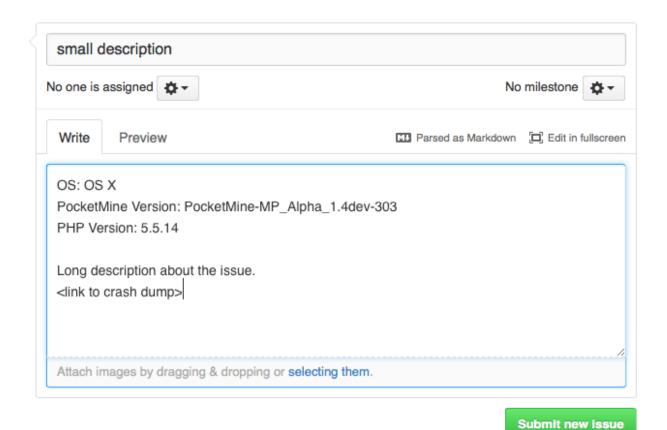
Check the following things and update if needed before making a new issue:

- PocketMine-MP version
- PHP binary version
- Plugin versions

When you have the latest version of those files, and the problem still occurs, making certain that a **plugin** is not the cause, then make a new issue on GitHub.

Give as much information as you can about when or what happened.

Warning: Did the server crash and generate a crash dump? Post the Crash ID in your issue report to help us diagnose the problem. If you do not have internet connection, you can paste the dump on Gist and post the link to it instead.



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Contact and Support

- PocketMine Forums
- #pocketmine for support @ chat.freenode.net

Links

PocketMine-MP

- PocketMine Website
- PocketMine Forums
- PMMP GitHub
- PocketMine-MP GitHub
- PocketMine-MP Translation
- PocketMine-MP Documentation
- PocketMine PHP Binaries