# PythianRealms Official Documentation

## Section 1: Installation

PythianRealms can be installed on Windows, Linux\*, and Mac\* computers (\*untested), however at the current moment only Windows is supported. It is recommended to use Windows 10, which can be installed for free if you’re running Windows 7 or 8.1. To install on Windows 10, there are two ways to do it:

* Install via [the Gem Launcher](http://scratso.com/gem)
  + Download and install the Gem Launcher from [here](http://scratso.com/gem).
  + Ensure that the PythianRealms tab is selected.
  + Click “Play PythianRealms”.
  + When asked if you’re running Java 1.8 or later, please select either yes or no depending on your response. You can get Java [here](http://java.com).
    1. If you selected yes:
       1. An auto-updater should show.
       2. This window will check for updates. As we’re installing, it will find one.
       3. Install the update.
       4. Press Play.
       5. And you’ve successfully installed PythianRealms! Sweet!
    2. Otherwise:
       1. When asked if you’ve installed PythianRealms before, press No.
       2. Complete the installer (**DO NOT** change the installation directory)
       3. Once completed, click the Play PythianRealms button in Gem again.
       4. When asked if you’ve installed it, press Yes.
       5. When asked if you’re running a 32bit computer, press yes or no respectively. Most users will be using a 64bit computer and should press no. You can find out what you’re running by going to (My) Computer, right-clicking, and pressing Properties. Look at “System type” in the “System” section.
       6. A command-line window should show.
       7. This window will check for updates. As we’re installing, it will find one.
       8. It will ask to install, providing memory space usage. Type “y” and press the enter key.
       9. The game will update and launch.
       10. And nice, you’ve installed PythianRealms!
* Manual Install
  + Download either the (Java) Launcher for Windows from <http://scratso.com/pythianrealms>
    1. Run it, an updater should show.
    2. The window will check for updates, and will find one. Install it.
    3. Press Play.
    4. Done!
  + Or download the Obsolete Launcher for Windows from <http://scratso.com/pythianrealms>
    1. Run the installer.
    2. Run the “PythianRealms” shortcut on your desktop.
    3. A command-line window should show.
    4. The window will check for updates, and will find one.
    5. When it asks to install, type “y” and press enter.
    6. The game will update and launch.
    7. Congrats! It’s installed!

## Section 2: Starting the game

When you start the game, there will be some details that you have to provide the chat server for your chatting ability to be enabled. This tutorial will guide you through that and will also help you through building a small structure.

1. Launch the game.
2. When you get asked to pick a texture pack, either select the texture pack you want or simply use the default pack.
3. When you get asked for a username, enter one. If you’re a user of the irc.editingarchive.com IRC server, please ensure you are not on IRC or use a different name. (NickServ isn’t currently supported).
4. You should then be taken to the main game screen. If you wish to chat, press the white strip at the bottom (below the chat log) and enter your message in the enterbox that will pop up.
5. In order to move, use the arrow keys.
6. If you wish to place blocks, press R to enable build mode. The minus (-) and plus (+) keys will change the Z-Axis Level (shown in top-left). The higher the z-axis, the higher up the block is. To place the block, mouse over the area you wish to place the block, and click. Once you’ve finished, or to fix any slight rendering glitches (z-axis levels going out of order), press the F key to exit build mode and save your changes.
7. In order to “mine” blocks, press Q to enable pickup mode. Pickup mode is limited to the same Z-Axis restrictions as build mode, however will pickup the blocks that you click on. Picked-up blocks will not take effect until you press A to save your changes and leave pickup mode.
8. You’ve likely been doing this in a pre-generated world with islands on it. There is an empty world, a blank canvas, that is available by pressing T to change maps. Monsters will also appear on the pre-generated map, but will not appear on the empty one.
9. To access the ingame menu, press the escape key.
10. From the ingame menu, you can manage the ingame music, share your maps, or quit. Quit will exit the game after asking if you wish to save. The other options will be explained in additional sections.

## Section 3: Screenshotting your map

I’m sure now that you’ve built an amazing map, and it’s absolutely brilliant! You don’t want to release it for download, but you want so badly to show it off to your friends. Great, because this is really easy in PythianRealms. All you have to do is open the ingame menu, and hit “Screenshot”. Once this is done, a save box should show. Locate where you want to save your screenshot, and voila! The screenshot is saved and you can share it with your friends.

## FAQ: Frequently Asked Questions

* I’m getting an error when running the Java Updater, “Pixel format not accelerated.”
  + Try updating your graphics drivers. If that fails, your graphics card is outdated, and so you need to either buy a new graphics card or use the obsolete launcher.
* For some reason the Obsolete Launcher isn’t working, as it won’t launch!
  + Please try installing Java and using the Java Launcher.
* I can’t seem to be able to use the Obsolete Launcher or the Java Launcher.
  + Sorry about that. Please feel free to just monitor the [blog](http://scratso.com/pythianrealms/splash.php) for updates, and when you find one, manually download [update.zip](http://scratso.com/update.zip), extract it, and run “PythianRealms.exe” (or just “PythianRealms”).

## Extra: Additional Details

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PythianRealms is programmed, owned, and developed by Adonis Megalos.

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