

## QGIS – Learning Package 1 – setting up

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OK, let's get things started by downloading the software and some sample data

Select your platform from the following page.

<http://www.qgis.org/en/site/forusers/download.html>

If you are on a newer windows machine make sure to check if you are using 32 bit or 64 bit Operating system. Easiest way to find this is by right clicking on the Computer icon



and selecting properties – you can then see if you are running a 32 bit or 64 bit operating system

System

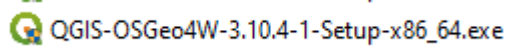
Rating:	<b>4.9</b> Windows Experience Index
Processor:	Intel(R) Core(TM) i7-2600 CPU @ 3.40GHz 3.40 GHz
Installed memory (RAM):	16.0 GB
System type:	64-bit Operating System
Pen and Touch:	No Pen or Touch Input is available for this Display

In my case I selected the 64 bit link



and the file automatically downloaded – **it's a big download so it takes a while!**

After finding that file on my computer (Downloads folder), I double clicked to run the file



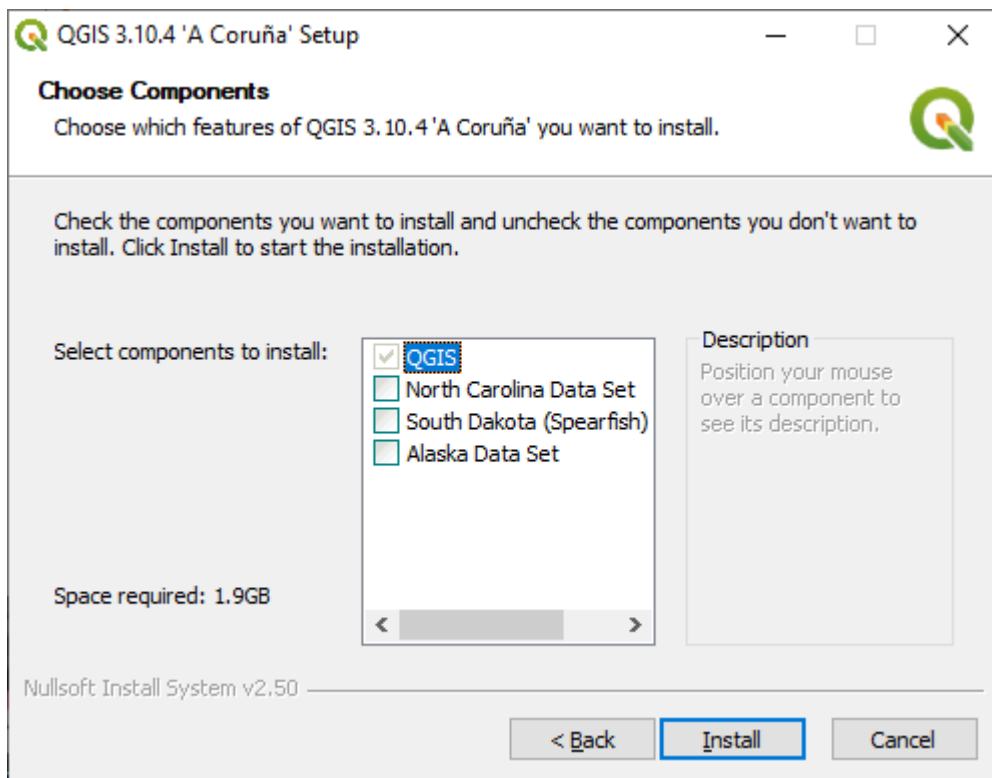
A wizard will help you with the install



Agree to the licence agreement and continue. Use the default setting for the file install locations

NOTE

On this screen DON'T tick any boxes as we will download our own data



The screen then chugs away, and away, and away..... until finally



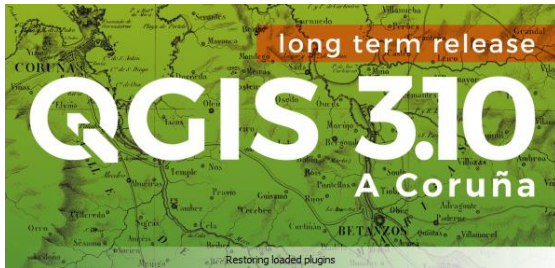
After all that install I ended up with a folder on my desktop with several icons



Inside the folder were several shortcuts

- Name ^
- GRASS GIS 7.8.2
  - OSGeo4W Shell
  - QGIS Desktop 3.10.4 with GRASS 7.8.2
  - QGIS Desktop 3.10.4
  - Qt Designer with QGIS 3.10.4 custom widgets
  - SAGA GIS (2.3.2)

Clicking on the QGIS Desktop icon opened the software and presented me with the software version number and name. It takes a while to get past this screen but you get there in the end and are presented with the main screen including the latest News about QGIS



OK – lets close that down and go and grab some sample GIS data

There is some generic data available from here

<https://qgis.org/downloads/data/> it's about 21Mb

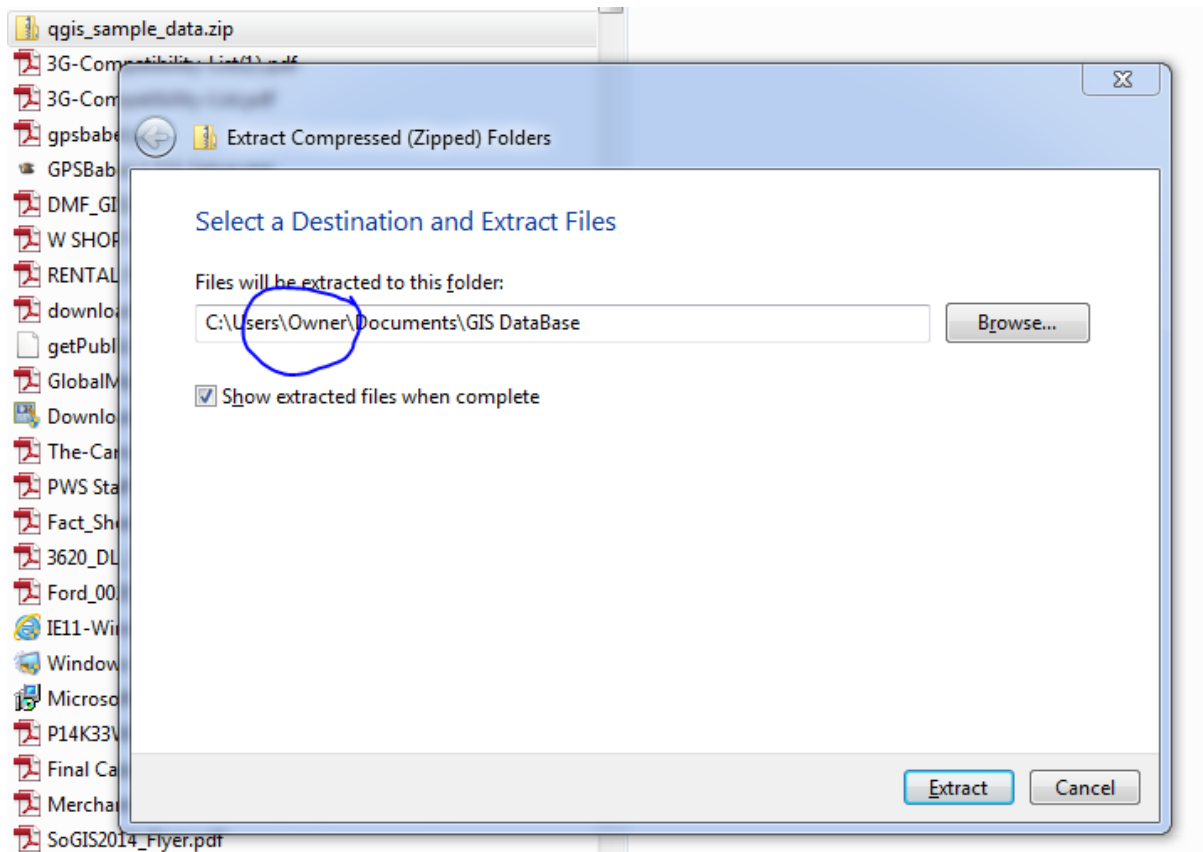


Save the file and then extract the data by right clicking on the file and selecting extract all

I found that QGIS had created a folder for GIS Data at the following location so I elected to keep all my data together at the one location. Browse to this location and the select extract.

You may find yours has a different location like

C:\Users\YOURNAME\Documents\GIS Database



OK – we now all have the same base data and good starting point for our learning.

OK – take a break, get a coffee or a beverage of your choice and get ready for the next lesson.

#### Extra Resources

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<https://www.qgis.org/en/docs/index.html>

<http://qgis-tutorials.mangomap.com/post/79334660226/qgis-video-tutorials-module-1-the-interface> - great tutorials that we will be using. Grab their exercise data as well and place it in that same directory (GIS Database). Just click No Thanks to the annoying pop up asking you to join.