

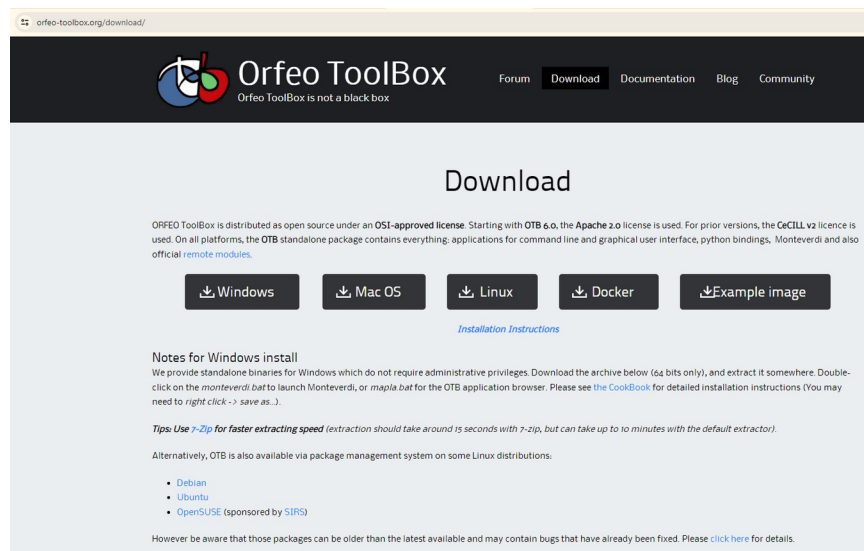
# Orfeo Tool Box

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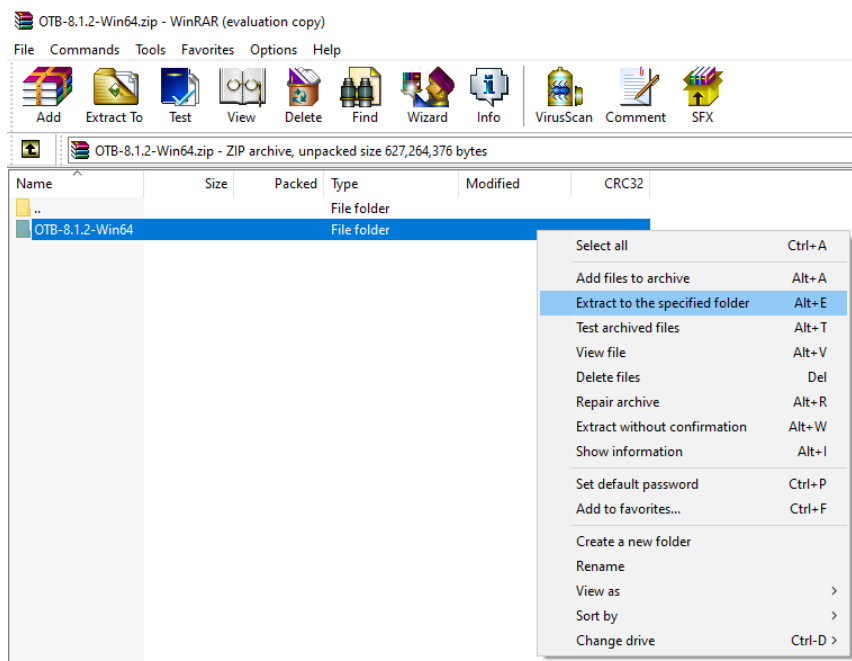
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Orfeo toolbox (OTB) is a set of tools that can be used for applying state of the art algorithms on geospatial imagery. It can be worked with in a standalone manner as well as integrated with QGIS. This tutorial demonstrates the download and installation of OTB.

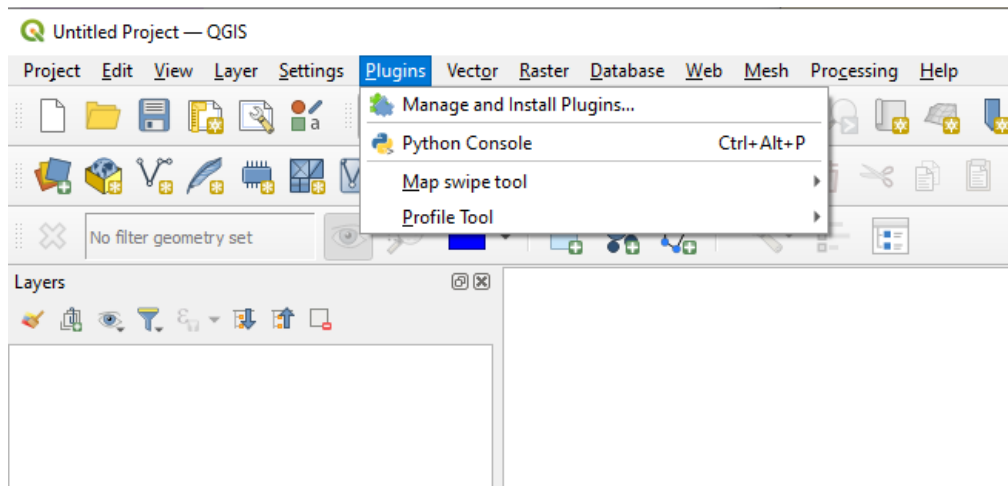
1. The link provided below offers access to the toolbox for downloading  
<https://www.orfeo-toolbox.org/download/>
2. Select the download option suitable for your system



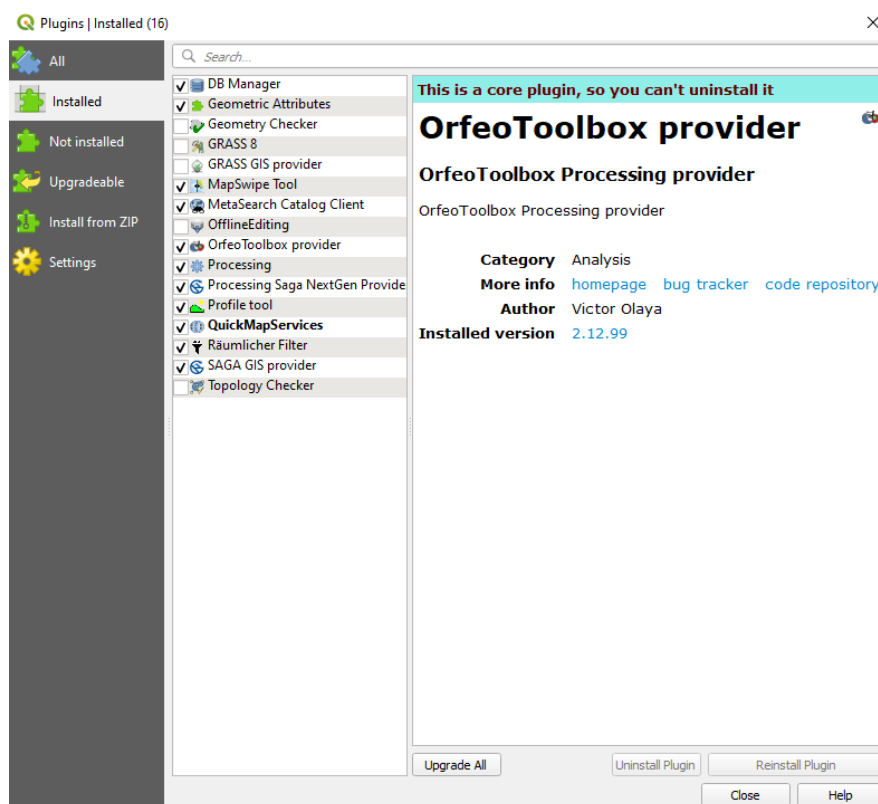
3. Once the setup is download extract it to your desired folder



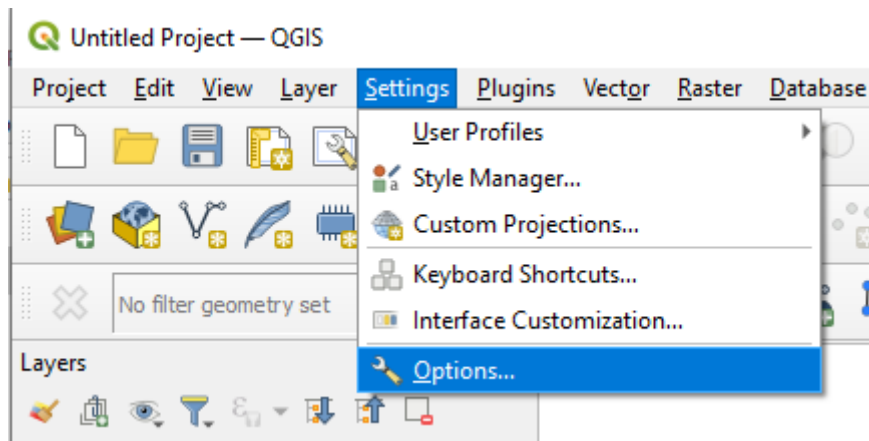
- Restart QGIS. Next, ensure that the OTB provider plugin is installed (it is pre-installed in later versions of QGIS): Plugins >> Manage and Install Plugins



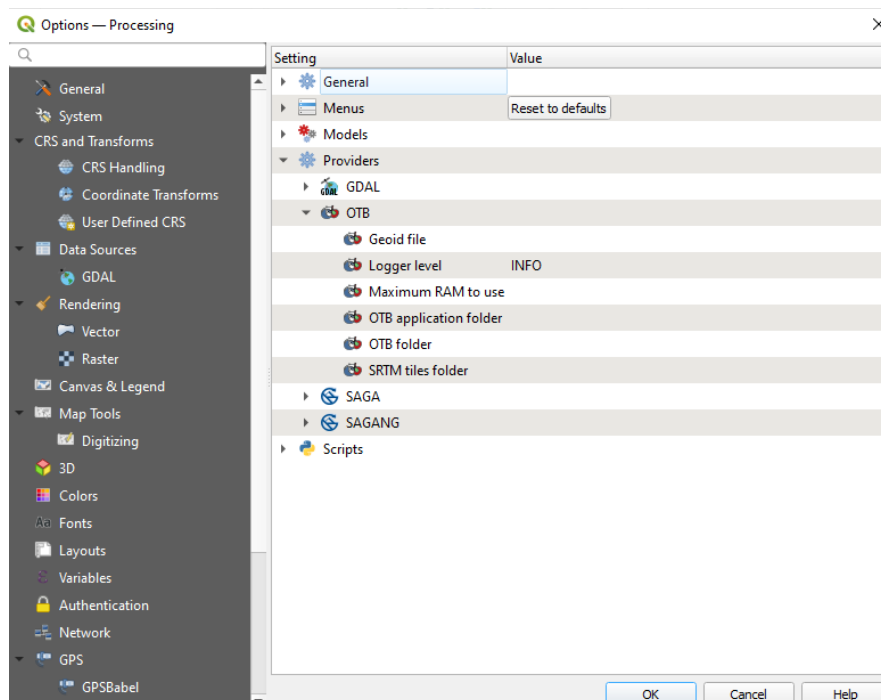
- Click on the installed tab on the left and make sure next to Orfeo Toolbox (OTB) is checked.



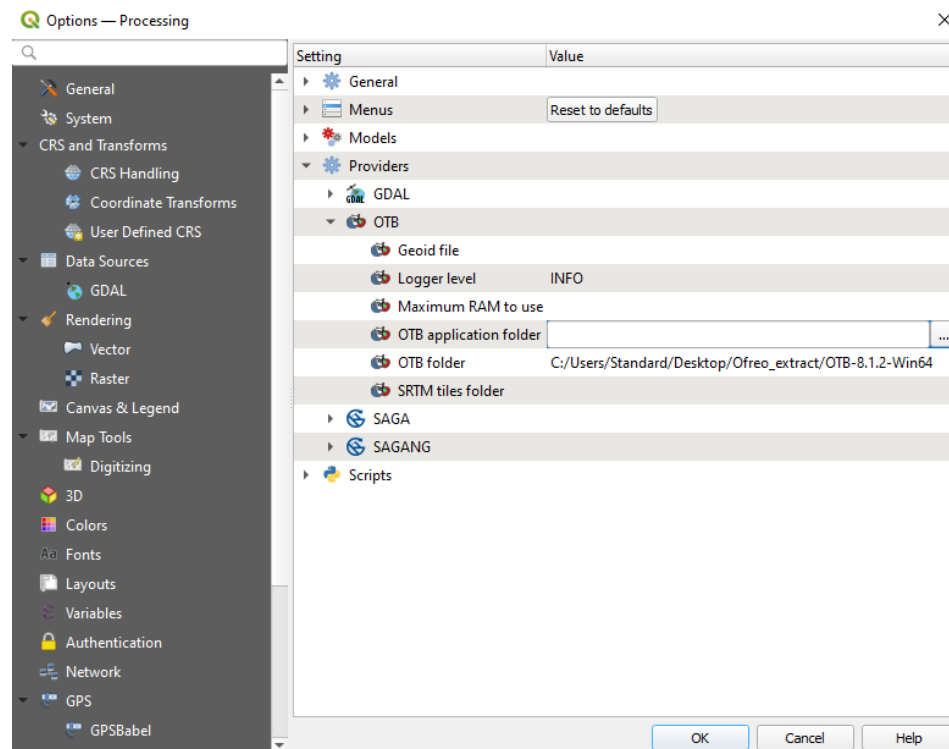
- Open the Setting >> Options



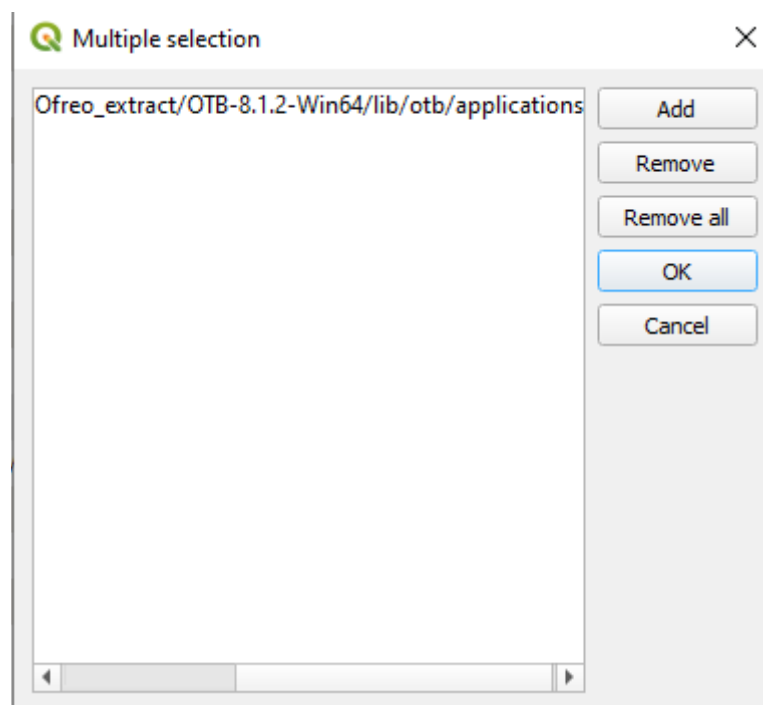
7. In Options click on the Processing option on the left panel. OTB OTB is under the Providers section. Expand OTB tab and tick Activate option if displayed.



- Next, under the OTB folder segment, browse and select the folder where you have extracted the OTB installation.



- Set OTB application folder. This is the location of your OTB application  
<OTB\_FOLDER>/lib/otb/applications



10. Other options may be kept as it is. Click OK to save settings and close dialog box. Installation is finished and the OTB algorithms should be loaded in the Processing toolbox. You may need to restart QGIS if it does not show up.

