

QGIS Installation

The version of QGIS, which will be used in the workshop, is version 2.14 “Essen” and it is available on Windows, MacOS X, Linux and Android. We use this version, in order all the participants of the Workshop “Reading and data mining maps”, to have the same version of the software on their laptops. QGIS software can be downloaded from the link below, where there are instructions of how to download and install the software:

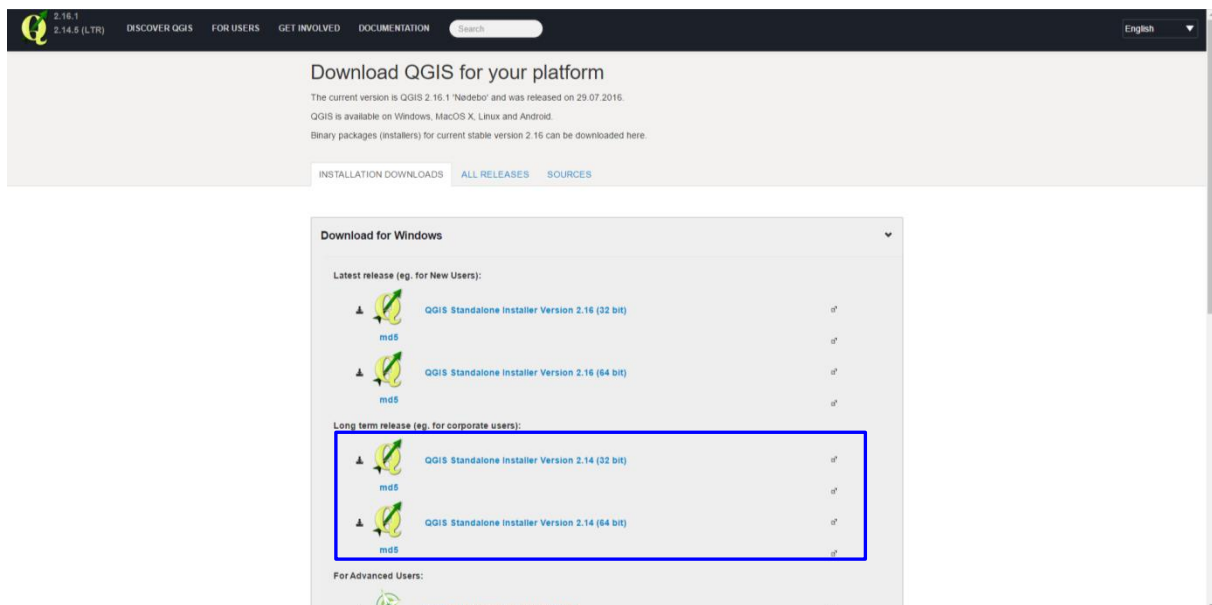
<http://www2.qgis.org/en/site/forusers/download.html#>

The **most important** thing to know is that it is not necessary to download and install every application or plugin in order to make something simple in the software. The installation for new users, which is proposed by the website, is enough to do many things on the software.

For **Windows** users:

- Download and Install the **“QGIS Standalone Installer version 2.14”** 32-bit or 64-bit according to the Operating system type of your computer.

[If you are not sure about the type of your laptop’s operating system, you can check it on the properties of your computer (right-click on “My computer” and then “Properties”)]



For **Mac OS X** users:

- In order to install the software, it is important first to install **“GDAL Complete 1.11 framework package”**. In order to find this framework, click on <http://www.kyngchaos.com/software/frameworks>, download the **GDAL 1.11 Complete framework** and install it following the Wizard, which opens in each case.

"The beast is actively interested only in now, and, as it is always now and always shall be, there is an eternity of time for the accomplishment of objects."
- the wisdom of Tarzan

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Unix Compatibility Frameworks

Mac OS X frameworks of various Unix image format and GIS libraries, which are the base requirements for most software available on this site. All frameworks are built for **Mac Lion** and newer, except as noted. Python modules included are made for the system Python 2.7. For older systems, see the download archive.

GDAL Complete

- GDAL 1.11 Complete [37.3 MB] 2016-2-15

This is a convenience installer that includes all the current versions of the GDAL, GEOS, PROJ, SQLite and UnixImageIO frameworks below. There is no need to download and install these frameworks individually if this package is installed. The GDAL plugins and other extras are **not** included, but the **mainly** package is.

Note about updates: after initial installation, when a framework is updated, you may want to download the individual installers to save on download time, unless it's the GDAL framework that is updated (because that's 80% of this package) or many frameworks change.

PROJ

- PROJ framework v4.9.2-2 [3.2 MB]

UnixImageIO

- UnixImageIO framework v1.5.1 [2.7 MB]

Requirements:

- PROJ framework

The UnixImageIO framework. Common graphics format libraries in a single framework. Image libraries included: GIF, JPEG, PNG, TIFF, GeoTIFF, JaiPer UID, OpenJPEG.

GEOS

- GEOS framework v3.5.0-1 [1.3 MB]
- rgwos 0.2.5-1 - R 2.15 package [405 KB]

GEOS framework includes Shapely Python library (for system Python only).

SQLite3

- SQLite3 framework v3.8.11.1-1 [4.6 MB], with SpatiaLite 4.3
- SpatiaLite Tools v4.3 [3.1 MB]
- SQLite3 framework v3.8.11.1-1 [4.6 MB], with SpatiaLite 4.3, **without ICU**, for developers only, that want to publish an app on the App Store.

Requirements:

- GEOS framework
- PROJ framework
- UnixImageIO framework

Includes the FTS3 search, ICU unicode, R-Tree indexing and SpatiaLite 4.2 & Rasterlite 1.1 extensions, and Proxy Locking, Column Metadata and Memory Management features are enabled. PySqlite2 Python extension included.

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- Then, you will install the QGIS software, downloading the files for QGIS installation from **"KyngChaos QGIS download page"**.
(<http://www2.qgis.org/en/site/forusers/download.html#>)

2.14.3-1
2.14.5 (LTR)

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English

Download for Mac OS X

Mac Installer Package for both OS X Mavericks (10.9), Mountain Lion (10.8) and Lion (10.7).

This version requires **separate installation of dependency framework (GDAL Complete)**, also found at the download link below.

[KyngChaos QGIS download page](#)

- In the webpage, which opens, download the **QGIS 2.14.3-1 Version** and install it in your computer, following the Wizard.

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QGIS

Mac OS X installers for QGIS. For OS X Mt Lion and newer. Install the Current version to stay up to date on features. Install the Long Term Support version for feature stability for a year.

Install Note OS X security may block installation, as I'm not an "identified developer" (ie not paying Apple to develop software). There a simple way to force it to install - right-click the installer file and select **Open**, this will trigger an extra option in the security warning to install it anyways. You only have to do this once, the system will remember the QGIS installer for any future installs (new major versions may reset this).

Current

All required items are included on the disk image.

WARNING: QGIS will crash if Qt developer components are installed in the standard Developer location. Either rename Developer/Applications/Qt-Plugins or uninstall Qt before running QGIS.

Optional:

- other Python Modules for plugins

Download:

- QGIS 2.14.3-1 [265.8 MB] (will be next LTR)

See the QGIS website for more information about, and help with, QGIS.

QGIS includes its own internal copies of GRASS, Orfeo Toolbox, SAGA and TauDEM.

Long Term Support

All required items are included on the disk image.

NOTE: due to changes in my development environment, the minimum OS X is 10.8, not 10.7 as initially released. Sorry for the inconvenience.

Optional:

- other Python Modules for plugins

Download:

- QGIS 2.8.9-1 [257.7 MB]

See the QGIS website for more information about, and help with, QGIS.

QGIS includes its own internal copies of GRASS, Orfeo Toolbox, SAGA and TauDEM.

Development Builds

Dakota Cartography provides nightly development builds. Similar Framework requirements as stable releases, but without bundled GRASS, OTB, SAGA or TauDEM.

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