

#### KStars Desktop Planetarium

For information about the software: <a href="https://edu.kde.org/kstars/">https://edu.kde.org/kstars/</a>

For instructions on how to use it:

https://docs.kde.org/trunk5/en/kdeedu/kstars/index.html

For source code: <a href="https://github.com/KDE/kstars">https://github.com/KDE/kstars</a>

This program is licensed under the terms of the <u>GNU General Public License</u>. https://docs.kde.org/trunk5/en/kdeedu/kstars/credits.html



For Information about the software: <a href="http://www.indilib.org">http://www.indilib.org</a>

For instructions on how to use it: <a href="http://www.indilib.org/develop/developer-">http://www.indilib.org/develop/developer-</a>

manual.html

For source code: <a href="https://github.com/indilib/indi">https://github.com/indilib/indi</a>

The INDI library is released under the GNU Library General Public License (LGPL). <a href="http://www.indilib.org/develop/developer-manual/86-introduction.html">http://www.indilib.org/develop/developer-manual/86-introduction.html</a>



QΤ

For Information about the software: <a href="https://www.qt.io">https://www.qt.io</a>

For instructions on how to use QT Creator: http://doc.gt.io/qtcreator/

For Documentation about QT classes: <a href="http://doc.qt.io/qt-5/">http://doc.qt.io/qt-5/</a>

For source code: http://wiki.gt.io/Get the Source

The QT Frameworks are released under the GNU Library General Public License (GPL v 3).

https://www1.qt.io/faq/#\_Toc\_3\_1

# **KDE Frameworks**

For Information about the software: <a href="https://www.kde.org/index">https://www.kde.org/index</a>

Documentation for KDE programs: https://api.kde.org/frameworks/index.html

For source code: https://github.com/KDE

Most KDE Frameworks are released under the Lesser GNU Library General Public License

(LGPL v 2).

https://inglude.org



For Information about the software: <a href="http://astrometry.net/">http://astrometry.net/</a>

For Instructions on how to use it: <a href="http://astrometry.net/doc/readme.html">http://astrometry.net/doc/readme.html</a>

For Additional Data like index files:

For source code: https://github.com/astrometry

The Astrometry.net code suite is free software licensed under the GNU GPL, version 2. See the file LICENSE for the full terms of the GNU GPL. <a href="mailto:astrometry.net/doc/readme.html#license">astrometry.net/doc/readme.html#license</a>



For Information about the software: <a href="http://xplanet.sourceforge.net">http://xplanet.sourceforge.net</a>

For Instructions on how to use it:

http://xplanet.sourceforge.net/documentation.php

For Additional Data like maps: <a href="http://xplanet.sourceforge.net/maps.php">http://xplanet.sourceforge.net/maps.php</a>

For source code: <a href="http://xplanet.sourceforge.net/download.php">http://xplanet.sourceforge.net/download.php</a>

Xplanet is free software, distributed according to the terms of the GNU General Public License. xplanet.sourceforge.net



For Information about the software: <a href="https://sourceforge.net/projects/flatplanet/">https://sourceforge.net/projects/flatplanet/</a>
For Additional Maps: <a href="https://sourceforge.net/maps/data.html">http://flatplanet.sourceforge.net/maps/data.html</a>
For source code: <a href="https://sourceforge.net/projects/flatplanet/files/?source=navbar">https://sourceforge.net/projects/flatplanet/files/?source=navbar</a>

Flatplanet has GNU General Public License version 2.0 (GPLv2). sourceforge.net/projects/flatplanet/



For Information about the software: <a href="https://www.videolan.org">https://www.videolan.org</a>

For source code: <a href="https://www.videolan.org/vlc/download-sources.html">https://www.videolan.org/vlc/download-sources.html</a>

LibVLC has Lesser GNU General Public License version 2.1 (LGPLv2.1). https://www.videolan.org/legal.html

#### D-Bus

For Information about the software:

https://www.freedesktop.org/wiki/Software/dbus/ For source code: https://cgit.freedesktop.org/dbus/dbus/

D-Bus is released under GNU GPL version 2 or later <a href="https://dbus.freedesktop.org/doc/dbus-faq.html">https://dbus.freedesktop.org/doc/dbus-faq.html</a>



For Information about the software: <a href="https://www.python.org">https://www.python.org</a>/downloads/source/

Python is released as Open Source and is GPL Compatible <a href="https://docs.python.org/2.7/license.html">https://docs.python.org/2.7/license.html</a>

#### Netpbm

For Information about the software: <a href="http://netpbm.sourceforge.net/">http://netpbm.sourceforge.net</a> For source code: <a href="http://netpbm.sourceforge.net/getting\_netpbm.php">http://netpbm.sourceforge.net/getting\_netpbm.php</a>

Netpbm is released as Open Source, is copyrighted to many different authors with the right to redistribute the code. http://netpbm.sourceforge.net

#### NumPy

For Information about the software: <a href="http://www.numpy.org">http://www.numpy.org</a>
For Documentation on how to use it: <a href="https://docs.scipy.org/doc/">https://docs.scipy.org/doc/</a>
For source code: <a href="https://netpbm.sourceforge.net/getting\_netpbm.php">https://netpbm.sourceforge.net/getting\_netpbm.php</a>

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# **PyFITS**

For Information about the software:

http://www.stsci.edu/institute/software\_hardware/pyfits

For Documentation about how to use it:

http://stsdas.stsci.edu/download/docs/The\_PyFITS\_Handbook.pdf

For source code: https://aeon.stsci.edu/ssb/svn/pyfits/

PyFITS is released under the BSD License but for a short time, some parts were under the GPL License

http://www.stsci.edu/institute/software\_hardware/pyfits

### LibGphoto2

For Information about the software: <a href="http://gphoto.org">http://gphoto.org</a>

For Documentation about how to use it: <a href="http://gphoto.org/doc/">http://gphoto.org/doc/</a>

For source code: <a href="https://github.com/gphoto/">https://github.com/gphoto/</a>

LibGphoto2 is released under the GNU GPL version 2 <a href="http://gphoto.org">http://gphoto.org</a>

## GSC, The Guide Star Catalog

(Not included or bundled, but an optional install)

For Information about the software and data:

http://gsss.stsci.edu/catalogs/gsc/GSC1/gsc12/DESCRIPTION.HTM

Instructions on how to install it: <a href="http://www.indilib.org/support/tutorials/139-">http://www.indilib.org/support/tutorials/139-</a>

indi-library-on-raspberry-pi.html

Source Code: http://cdsarc.u-strasbg.fr/ftp/cats/bincats/

The Guide Star Catalog was developed for the Hubble Space Telescope. The data is copyrighted by The Association of Universities for Research in Astronomy (c) 2001-2008. It is free for non-commercial use.

launchpad.net/gsc archive.stsci.edu/data\_use.html