

<http://www.coincoin.fr.eu.org/?Install-Google-Earth-In-Ubuntu-14>



Install Google Earth In Ubuntu 14.04 64bit [How To]

- 6- Webographie -

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Many of you already know about this, but since there are many users who are upgrading from Ubuntu 12.04 to 14.04, they might not be aware of what they need to do when a package, like Google Earth, fails to install because it depends on ia32-libs (on Ubuntu 64bit).

The ia32-libs package is no longer available in Ubuntu, starting with Ubuntu 13.10. The package was [superseded](#) by multiarch support so you don't need it any more, but some 64bit packages (which are actually 32bit applications) still depend on this package and because of this, they can't be installed in Ubuntu 14.04 or 13.10, 64bit.

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Here's an example. Let's say you've downloaded the [Google Earth](#) 64bit package and want to install it in Ubuntu 14.04 (Trusty Tahr) 64bit via dpkg. Here's what happens :
\$ sudo dpkg -i google-earth-stable_current_amd64.deb

Selecting previously unselected package google-earth-stable.

(Reading database ... 168539 files and directories currently installed.)

Preparing to unpack google-earth-stable_current_amd64.deb ...

Unpacking google-earth-stable (7.1.2.2041-r0) ...

dpkg : dependency problems prevent configuration of google-earth-stable :

google-earth-stable depends on ia32-libs ; however :

Package ia32-libs is not installed.

dpkg : error processing package google-earth-stable (â€œinstall) :

dependency problems - leaving unconfigured

.....

Errors were encountered while processing :

google-earth-stableAnd if you try to install ia32-libs :

\$ sudo apt-get install ia32-libs

Reading package lists... Done

Building dependency tree

Reading state information... Done

Package ia32-libs is not available, but is referred to by another package.

This may mean that the package is missing, has been obsoleted, or

is only available from another source

However the following packages replace it :

lib32asound2 lib32z1 lib32ncurses5 lib32bz2-1.0

E : Package 'ia32-libs' has no installation candidate That's because, like I said, the ia32-libs package is not available in the Ubuntu 13.10 and 14.04 repositories.

The "fix" or more specifically the correct way of installing these apps which depend on *ia32-libs* is to simply install the 32bit package on Ubuntu 64bit. Of course, that will install quite a few 32bit packages, but that's how multiarch works.

The problem with Google Earth is that the 32bit package doesn't support multiarch so **it doesn't install all the 32bit dependencies it needs to run on Ubuntu 64bit. Below you'll find instructions on how to properly install Google Earth and its 32bit dependencies on Ubuntu 64bit.**

Install Google Earth in Ubuntu 14.04 64bit

To properly install Google Earth (along with the required 32bit dependencies) in Ubuntu 14.04 (or 13.10) 64bit, use the following commands :
`sudo apt-get install libfontconfig1:i386 libx11-6:i386 libxrender1:i386 libxext6:i386 libgl1-mesa-glx:i386 libglu1-mesa:i386 libglib2.0-0:i386 libsm6:i386`

```
cd /tmp && wget http://dl.google.com/dl/earth/client/current/google-earth-stable\_current\_i386.deb
```

```
sudo dpkg -i google-earth-stable_current_i386.deb
```

```
sudo apt-get install -f
```

If you simply install the Google Earth 32bit package on Ubuntu 64bit without the extra dependencies from the first command above, you'll get errors when trying to start it, like these :
`./googleearth-bin : error while loading shared libraries : libfontconfig.so.1 : cannot open shared object file : No such file or directory`

`./googleearth-bin : error while loading shared libraries : libX11.so.6 : cannot open shared object file : No such file or directory`

`./googleearth-bin : error while loading shared libraries : libXrender.so.1 : cannot open shared object file : No such file or directory`

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