

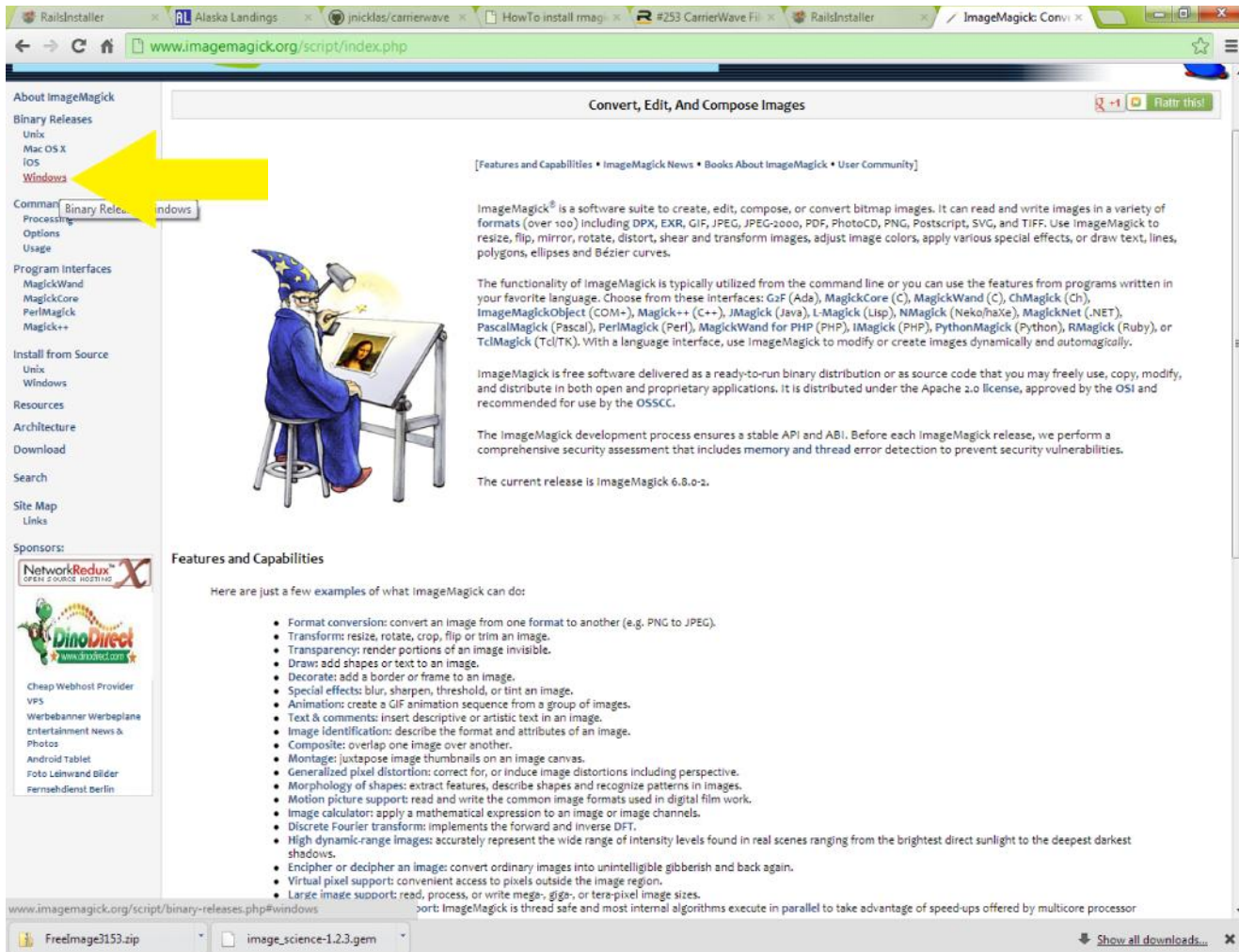
Installing RMagick Gem on Windows

Detailed instructions on

http://www.redmine.org/projects/redmine/wiki/HowTo_install_rmagick_gem_on_Windows

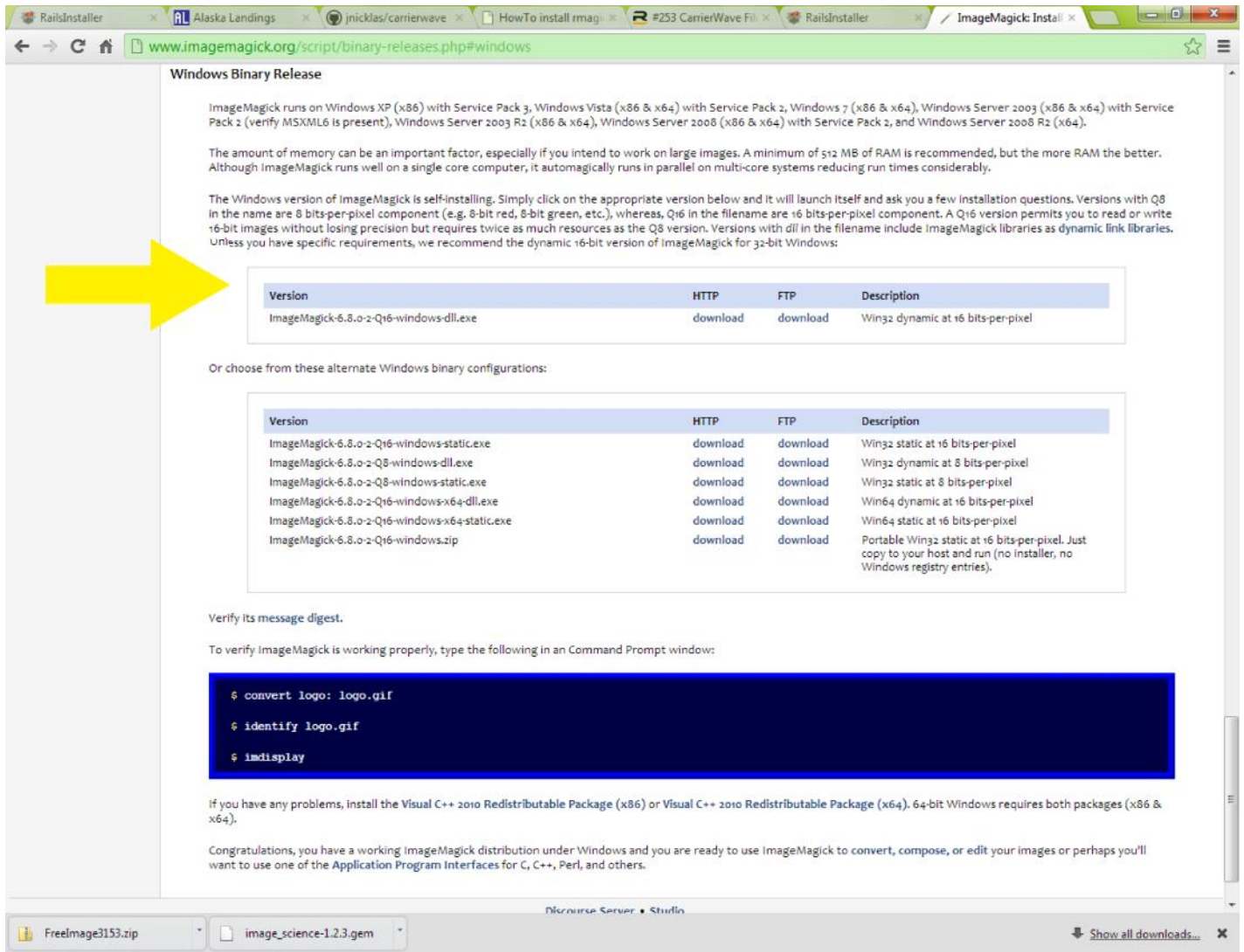
But in case that link is down

- 1) You should already have Ruby and Rails installed. If you don't, go to <http://www.railsinstaller.org/> and download the kit. You will need the DevKit that comes with it.
- 2) You need to download ImageMagick . Go to www.imagemagick.org, click on the Windows link.



This will take you to the files for Windows machines.

Download the latest version, which will be the one in the top box. ImageMagick-6.8.0-2-Q16-windows-dll.exe



Windows Binary Release

ImageMagick runs on Windows XP (x86) with Service Pack 3, Windows Vista (x86 & x64) with Service Pack 2, Windows 7 (x86 & x64), Windows Server 2003 (x86 & x64) with Service Pack 2 (verify MSXML6 is present), Windows Server 2003 R2 (x86 & x64), Windows Server 2008 (x86 & x64) with Service Pack 2, and Windows Server 2008 R2 (x64).

The amount of memory can be an important factor, especially if you intend to work on large images. A minimum of 512 MB of RAM is recommended, but the more RAM the better. Although ImageMagick runs well on a single core computer, it automatically runs in parallel on multi-core systems reducing run times considerably.

The Windows version of ImageMagick is self-installing. Simply click on the appropriate version below and it will launch itself and ask you a few installation questions. Versions with Q8 in the name are 8 bits-per-pixel component (e.g. 8-bit red, 8-bit green, etc.), whereas Q16 in the filename are 16 bits-per-pixel component. A Q16 version permits you to read or write 16-bit images without losing precision but requires twice as much resources as the Q8 version. Versions with dll in the filename include ImageMagick libraries as dynamic link libraries. Unless you have specific requirements, we recommend the dynamic 16-bit version of ImageMagick for 32-bit Windows:

Version	HTTP	FTP	Description
ImageMagick-6.8.0-2-Q16-windows-dll.exe	download	download	Win32 dynamic at 16 bits-per-pixel

Or choose from these alternate Windows binary configurations:

Version	HTTP	FTP	Description
ImageMagick-6.8.0-2-Q16-windows-static.exe	download	download	Win32 static at 16 bits-per-pixel
ImageMagick-6.8.0-2-Q8-windows-dll.exe	download	download	Win32 dynamic at 8 bits-per-pixel
ImageMagick-6.8.0-2-Q8-windows-static.exe	download	download	Win32 static at 8 bits-per-pixel
ImageMagick-6.8.0-2-Q16-windows-x64-dll.exe	download	download	Win64 dynamic at 16 bits-per-pixel
ImageMagick-6.8.0-2-Q16-windows-x64-static.exe	download	download	Win64 static at 16 bits-per-pixel
ImageMagick-6.8.0-2-Q16-windows.zip	download	download	Portable Win32 static at 16 bits-per-pixel. Just copy to your host and run (no installer, no Windows registry entries).

Verify its message digest.

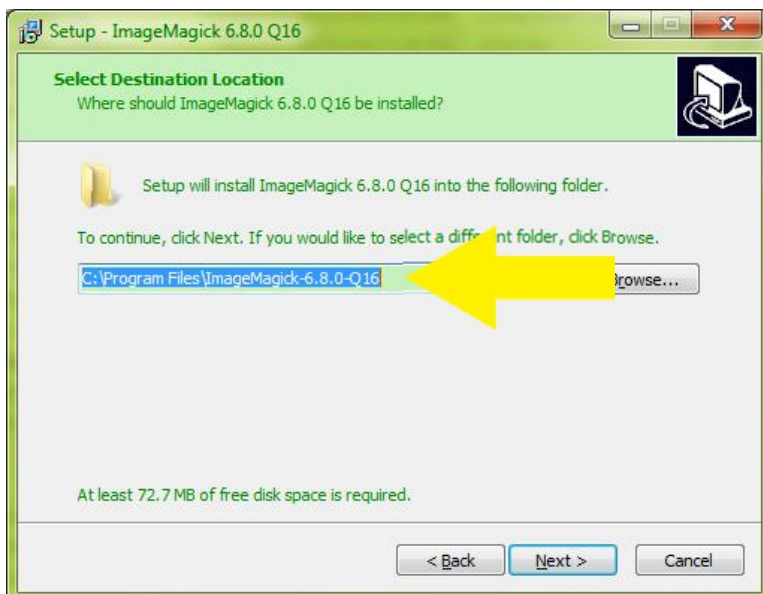
To verify ImageMagick is working properly, type the following in an Command Prompt window:

```
$ convert logo: logo.gif
$ identify logo.gif
$ imdisplay
```

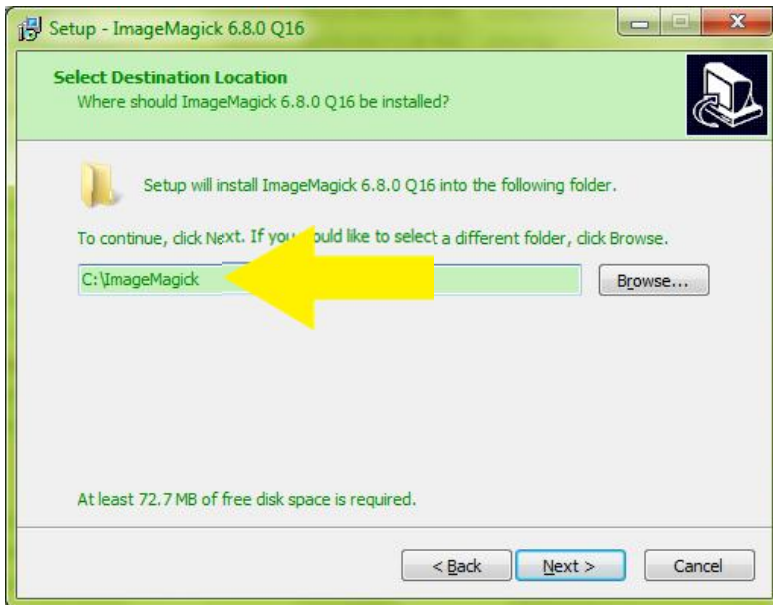
If you have any problems, install the Visual C++ 2010 Redistributable Package (x86) or Visual C++ 2010 Redistributable Package (x64). 64-bit Windows requires both packages (x86 & x64).

Congratulations, you have a working ImageMagick distribution under Windows and you are ready to use ImageMagick to convert, compose, or edit your images or perhaps you'll want to use one of the Application Program Interfaces for C, C++, Perl, and others.

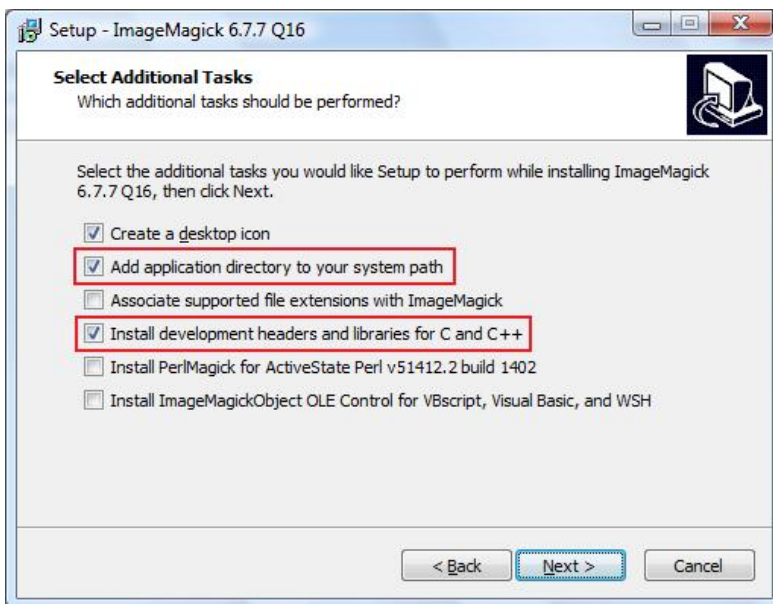
This will be the default path for installation.



I edited the path for installation to be the root drive and took off the version number. Some places said to do this but I'm not sure if it is really needed. The important thing is to remember the path you used and to make sure there are no spaces in it.



Make sure these options are selected during the install.



- 3)** Next you will need to install the rmagick gem. First open a new command prompt. Set CPATH and LIBRARY_PATH variable to point to the ImageMagick installation directory include and lib subdirectories respectively.

To do this you need to enter these commands.

```
'set CPATH=C:\ImageMagick\include'
```

```
'set LIBRARY_PATH=C:\ImageMagick\lib'
```

Make sure the path you set the variables to is the one you set during installation of ImageMagick.

Now run the command to install rmagick.

```
'gem install rmagick'
```

The command will take a few minutes to complete. Once it is done you are ready to use any gem that depends on rmagick. This project will be using the carrierwave gem, which will also be included in the gem file and will install when you run bundle install.