**Imagick Plugin For PHP Installation On Red-Hat 6**

**Step 1:- Simple install from remi repository**

If you have not installed the epel repository, install it now.

#wget <http://dl.fedoraproject.org/pub/epel/6/x86_64/epel-release-6-8.noarch.rpm>

#rpm -Uvh epel-release-6\*.rpm

**Step 2:- Next, install the remi repository.**

#wget <http://rpms.famillecollet.com/enterprise/remi-release-6.rpm>

#rpm -Uvh remi-release-6\*.rpm

An additional step is required to enable the remi repository:

Use your favorite text editor to open /etc/yum.repos.d/remi.repo. Look for the remi section and find enabled=0 and change it to enabled=1.

**Step 3:- Make sure that the required dependencies are installed:**

#yum install -y gcc php-devel php-pear

**Step 4:- Then install ImageMagick:**

#yum install -y ImageMagick ImageMagick-devel

Extra: If you plan on using ImageMagick in perl scripts:

#yum install ImageMagick-perl

###The installation is now complete.....

### **Install from source code**

**Step 1:- First install dependencies.**

# yum -y groupinstall 'Development Tools'

#yum -y install bzip2-devel freetype-devel libjpeg-devel libpng-devel libtiff-devel giflib-devel zlib-devel ghostscript-devel djvulibre-devel libwmf-devel jasper-devel libtool-ltdl-devel libX11-devel libXext-devel libXt-devel lcms-devel libxml2-devel librsvg2-devel OpenEXR-devel php-devel

**Step 2:- Now, fetch the source code.**

#wget <http://www.imagemagick.org/download/ImageMagick.tar.gz>

#tar xvzf ImageMagick.tar.gz

#cd ImageMagick\*

**Step 3:- Configure and compile the source code. Depending on your server specs, this may take some time to complete.**

#./configure

#make

#make install

**Step 4:- Verify that the compile and install were successful.**

#convert --version

### **Step 5:- Install PHP extension**

Install the imagick PHP extension module imagick.so:

#pecl install imagick

You will be asked to provide the ImageMagick installation prefix. Press [ENTER] to auto detect. You may get this error following the pecl command:

**NOTE :- "Error shtool at '/var/tmp/imagick/build/shtool' does not exist or is not executable. Make sure that the file exists and is executable and then rerun this script"**

This is due to a secured and mounted /tmp directory. You may have setup your /tmp folder in this way as part of your server security lock-down. To resolve this error temporarily, remove the /tmp line in /etc/fstab and reboot. Run the pecl command again. When installation completes, you can add the /tmp line back to /etc/fstab and reboot. Using the umount command will not work if /tmp has the nosuid,noexec,nodev options.

**Step 6:- Next, add the imagick.so extension to the php.ini file. Start by locating your php.ini file. It is usually found in /etc.**

#php -i | grep "Loaded Configuration File".

Use a text editor to open php.ini and look for the dynamic extension section. Add extension=imagick.so, then save.

**Step 7:- Check the php extension list to verify that imagick has installed correctly.**

#php -m | grep imagick

**Step 8:- If you are running a webserver, such as Apache, remember to restart it.**

#service httpd restart

###THE END.....