Install Tesseract OCR libs from sources in Centos

1. Download Leptonica and Teseract sources:

$ wget <http://www.leptonica.org/source/leptonica-1.69.tar.gz>

$ wget <https://tesseract-ocr.googlecode.com/files/tesseract-ocr-3.02.02.tar.gz>

2. Configure, compile, install libs:

$ tar xzvf leptonica-1.69.tar.gz

$ cd leptonica-1.69

$ ./configure

$ make

$ sudo make install

$ tar xzf tesseract-ocr-3.02.02.tar.gz

$ cd tesseract-3.01

$ ./autogen.sh

$ ./configure

$ make

$ sudo make install

$ sudo ldconfig

3. Download languages (english) and copy to tessdata folder:

$ wget <http://tesseract-ocr.googlecode.com/files/tesseract-ocr-3.02.ell.tar.gz>

$ tar xzf tesseract-ocr-3.02.ell.tar.gz

$ sudo cp tesseract-ocr/tessdata/\* /usr/local/share/tessdata

Install ImageMagick on CentOS 6

Simple install from remi repository

wget http://dl.fedoraproject.org/pub/epel/6/x86\_64/epel-release-6-8.noarch.rpm

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

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

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

yum install -y gcc php-devel php-pear

yum install -y ImageMagick ImageMagick-devel

yum install ImageMagick-perl

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

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

tar xvzf ImageMagick.tar.gz

cd ImageMagick\*

./configure

make

make install

convert –version

pecl install imagick