Apertium Installation on Ubuntu 12.04 onwards
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This document was originally written by **Hèctor Alòs i Font**, and his version can be located at:
https://docs.google.com/document/d/1eLc3YEL79YaFklqjhPcXwczpzYdNb_GIXT5PH3IA4xk/edit

The instructions provided here were tested and Apertium was successfully installed.

Documentation:
http://wiki.apertium.org/wiki/Apertium_on_Ubuntu

```
sudo apt-get install subversion build-essential g++ pkg-config gawk libxml2 \
libxml2-dev libxml2-utils xsltproc flex automake autoconf libtool libpcre3-dev


cd ~
mkdir apertium
cd apertium


svn co http://apertium.svn.sourceforge.net/svnroot/apertium/trunk/lttoolbox
cd lttoolbox
PKG_CONFIG_PATH=/usr/local/lib/pkgconfig ./autogen.sh
make
sudo make install
sudo ldconfig
cd ..


svn co http://apertium.svn.sourceforge.net/svnroot/apertium/trunk/apertium
cd apertium
PKG_CONFIG_PATH=/usr/local/lib/pkgconfig ./autogen.sh
make
sudo make install
sudo ldconfig
cd ..


svn co http://apertium.svn.sourceforge.net/svnroot/apertium/trunk/apertium-lex-tools
cd apertium-lex-tools
./autogen.sh
make
sudo make install
cd ..
```

CG
http://wiki.apertium.org/wiki/Apertium_and_Constraint_Grammar

```
sudo apt-get install libicu-dev cmake libgoogle-perftools-dev

svn co --username anonymous --password anonymous
http://beta.visl.sdu.dk/svn/visl/tools/vislcg3/trunk vislcg3
cd vislcg3
./get-boost.sh
./cmake.sh -DCMAKE_INSTALL_PREFIX=/usr/local
make -j3
sudo make install
```

HFST

```
cd ~
mkdir hfst

sudo apt-get install zlib1g-dev bison libreadline-dev
```

http://wiki.apertium.org/wiki/SFST

```
wget ftp://ftp.ims.uni-stuttgart.de/pub/corpora/SFST/SFST-1.4.6c.tar.gz
tar -xzvf SFST-1.4.6c.tar.gz
cd SFST/src
make
sudo make install
sudo make libinstall

cd ../..
```

http://wiki.apertium.org/wiki/Foma

```
svn co http://foma.svn.sourceforge.net/svnroot/foma/trunk/foma
cd foma
make
sudo make install

cd ..
```

http://wiki.apertium.org/wiki/OpenFST

```
wget http://openfst.cs.nyu.edu/twiki/pub/FST/FstDownload/openfst-1.2.9.tar.gz
tar -xzvf openfst-1.2.9.tar.gz
cd openfst-1.2.9/
```

```
./configure
make
[problems:
http://www.openfst.org/twiki/bin/view/Forum/FstForum
chmod u+w src/bin/Makefile.am
vi src/bin/Makefile.am
-- edit with http://paste.ubuntu.com/783708/
autoconf -i
make
]

sudo make install
cd ..
```

http://wiki.apertium.org/wiki/HFST

```
svn co https://hfst.svn.sourceforge.net/svnroot/hfst/trunk/hfst3
cd hfst3
autoreconf -i
./configure --enable-lexc --enable-calculate --with-foma --with-sfst
make
sudo make install
sudo ldconfig
```