

# Asterisk Dependencies and Download Links

## 1. Core Build Tools & Libraries

build-essential: <https://packages.ubuntu.com/search?keywords=build-essential>

autoconf: <http://ftp.gnu.org/gnu/autoconf/>

automake: <http://ftp.gnu.org/gnu/automake/>

bison: <http://ftp.gnu.org/gnu/bison/>

flex: <https://github.com/westes/flex/releases>

libtool: <http://ftp.gnu.org/gnu/libtool/>

pkg-config: <https://pkgconfig.freedesktop.org/releases/>

libedit-dev: <https://packages.ubuntu.com/search?keywords=libedit-dev>

libjansson-dev: <https://github.com/akheron/jansson>

libxml2-dev: <http://xmlsoft.org/downloads.html>

libsqlite3-dev: <https://www.sqlite.org/download.html>

uuid-dev: <https://packages.ubuntu.com/search?keywords=uuid-dev>

ncurses: <https://ftp.gnu.org/pub/gnu/ncurses/>

openssl: <https://www.openssl.org/source/>

## 2. Internal Dependencies (Asterisk-Specific)

pjproject:

<https://raw.githubusercontent.com/asterisk/third-party/master/pjproject/2.13.1/pjproject-2.13.1.tar.bz2>

jansson: <https://github.com/akheron/jansson/releases>

libpri: <https://gerrit.asterisk.org/libpri>

dahdi-linux: <https://gerrit.asterisk.org/dahdi-linux>

dahdi-tools: <https://gerrit.asterisk.org/dahdi-tools>

## 3. Optional Dependencies

opus (WebRTC Support): <https://opus-codec.org/downloads/>

speex (Low-Bitrate Codec): <https://downloads.xiph.org/releases/speex/>

mariadb (Database Support): <https://mariadb.org/download/>

postgresql (Database Support): <https://www.postgresql.org/download/>

mpg123 (MP3 Support): <https://www.mpg123.de/download.shtml>