

# Software Hardware List

Chapter number	Software required (With version)	Free/Proprietary	If proprietary, can code testing be performed using a trial version	If proprietary, then cost of the software	Download links to the software	Hardware specifications	OS required
All	PostgreSQL 11	Free			<a href="https://www.postgresql.org">https://www.postgresql.org</a>		Unix or Linux
4, 5	Perl 5 (5.27.8 or higher)	Free			<a href="http://www.perl.org">http://www.perl.org</a>		
4,5	Java JDK (version 8, update 181)	Free			<a href="https://www.java.com/en/download/">https://www.java.com/en/download/</a>		
7	Python	Free			<a href="https://www.python.org/downloads/">https://www.python.org/downloads/</a>		

## How to Install PostgreSQL

In order to install PostgreSQL you have to either use your Operating System package manager (e.g., `apt`, `yum`) or compile a new instance from sources. There are also some graphical and interactive installers available at the download page <<https://www.enterprisedb.com/downloads/postgres-postgresql-downloads>>.

If you want to compile an instance from sources, on a Unix or Unix-like machine follow the steps below:

1. download the source tarball from the download site located at <<https://www.postgresql.org/download/>>;
2. extract the sources running for example `tar xjvf postgresql-11.0.tar.bz2`;
3. enter the extracted directory by issuing `cd postgresql-11.0`;
4. run `configure` optionally specifying the destination path you want to install PostgreSQL into and, if you want to run examples in PL/Perl, the language dependency. As an example of possible `configure` line run `configure --prefix=/opt/pg11 --with-perl`;
5. run `make`; then run `make install` (as superuser). There are also instructions available in the `INSTALL` text file.