

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 |
|----------------|----------------------------------|------------------|---|---|---|---------------------------------------|--|
| 1-10 | Julia Runtime 1.0 or later | Free | N/A | N/A | https://julialang.org/downloads | Any Intel or AMD PC, server or laptop | Windows 7 or later 32 or 64 bits, Mac OS 10.8 and later 64 bits or Linux 32 or 64 bits |

Detailed installation instructions

The following installation instructions are summarised from the detailed platform specific instructions available at <https://julialang.org/downloads/platform.html>

Windows

1. Download the Windows `julia.exe` installer for your platform.
2. Run the downloaded program to extract `julia`
3. Double-click the `julia` shortcut in the unpacked folder to start `julia`

macOS

For Apple Mac computers, a `Julia-<version>.dmg` file is provided, which contains `Julia.app`. Installation is the same as any other Mac software—copy the `Julia-<version>.app` to your hard-drive (anywhere, preferably your `Application` folder) or run from the disk image.

Linux

The generic Linux and FreeBSD binaries do not require any special installation steps, but you will need to ensure that your system can find the `julia` executable. First, extract the `.tar.gz` file downloaded from the downloads page to a folder on your computer. To run Julia, you can do any of the following:

- Create a symbolic link to `julia` inside a folder which is on your system `PATH`
- Add Julia's `bin` folder to your system `PATH` environment variable
- Invoke the `julia` executable by using its full path, as in `/bin/julia`