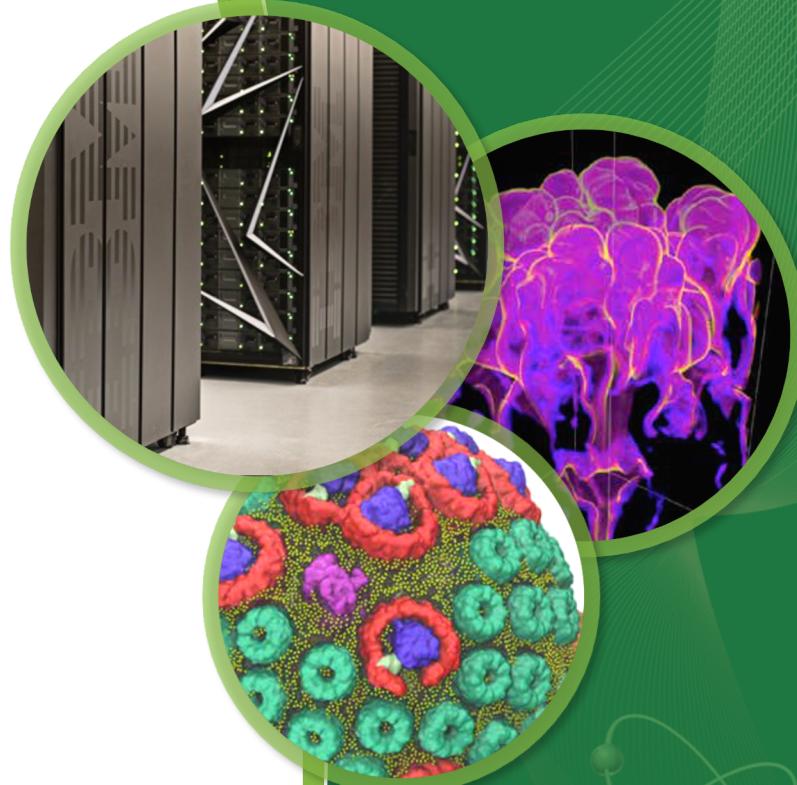


Intro to Vim

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Questions to answer

- What is Vim?
- How do I use Vim?
- Where can I learn more about Vim?

What is Vim?

- “Vim is a highly configurable text editor built to enable efficient text editing. It is an improved version of the vi editor distributed with most UNIX systems”
- Modal command-line text editor
- Common in HPC environments
 - Edit source code, job submission scripts, config files, & others!
- Vi and Vim are often used synonymously
 - Vim is a superset of Vi

```
[subil@login5.summit ~]$ which vi
alias vi='vim'
/usr/bin/vim
[subil@login5.summit ~]$ █
```

Installing Vim

- Available by default on all OLCF systems
- Easily installable to your own laptop to edit your own files

The screenshot shows the official Vim website homepage. At the top, there's a navigation bar with links for "SPONSOR Vim development", "VOTE for features", "BUY the Vim book", and "HELP". The main content area has a large "the editor" logo with a green "Vim" icon. Below it, the page is titled "Downloading Vim". It explains that Vim is available for many systems and provides links for "MS-Windows", "Unix", and "Mac". Under "Details and options for:", there's a list of operating systems: Unix, PC: MS-DOS and MS-Windows, Amiga, OS/2, Macintosh, and Others.

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the editor

BUY the Vim book **HELP** Ugan

Downloading Vim

Vim is available for many different systems and there are several versions. This page will help you decide what to download.

Most popular:

MS-Windows: Recent and signed MS-Windows files are available on the [vim-win32-installer site](#). The current stable version is [gvim_8.2.2825.exe](#). An alternative is the [standard self-installing executable](#), currently version 8.2.2824.

Unix: See the [GitHub](#) page, or [Mercurial](#), if you prefer that. There is also an [Appimage](#) which is build daily and runs on many Linux systems.

Mac: See the [MacVim](#) project for a GUI version and [Homebrew](#) for a terminal version

Details and options for:

- [Unix](#)
- [PC: MS-DOS and MS-Windows](#)
- [Amiga](#)
- [OS/2](#)
- [Macintosh](#)
- [Others](#)

How do I use Vim?

Let's go to the command line

```
$ cd foundational_hpc_skills/intro_to_vim  
$ vim intro_vim_with_exercises.txt
```

Where can I learn more about Vim?

- In command line: \$ vimtutor
- vim-adventures.com
- www.vim.org/docs
- Help reference in Vim: `:help`
- Cheatsheet: <https://vimsheet.com/>
 - There are many cheatsheets online so later pick whichever you find most useful.