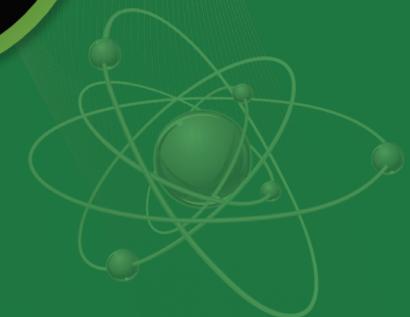
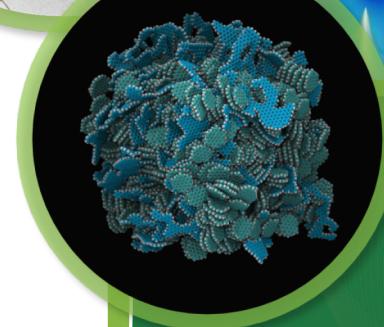
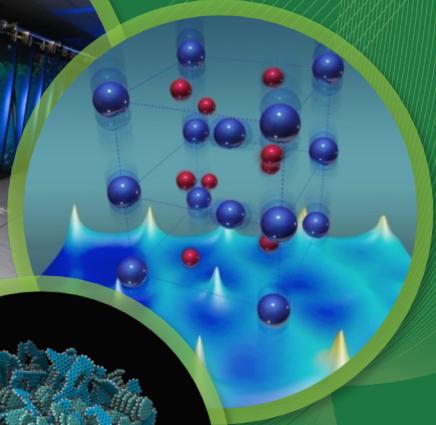


A Brief Introduction to the Vim Text Editor

Jack Morrison

Introduction to HPC Workshop (June 26, 2018)



Questions to answer

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

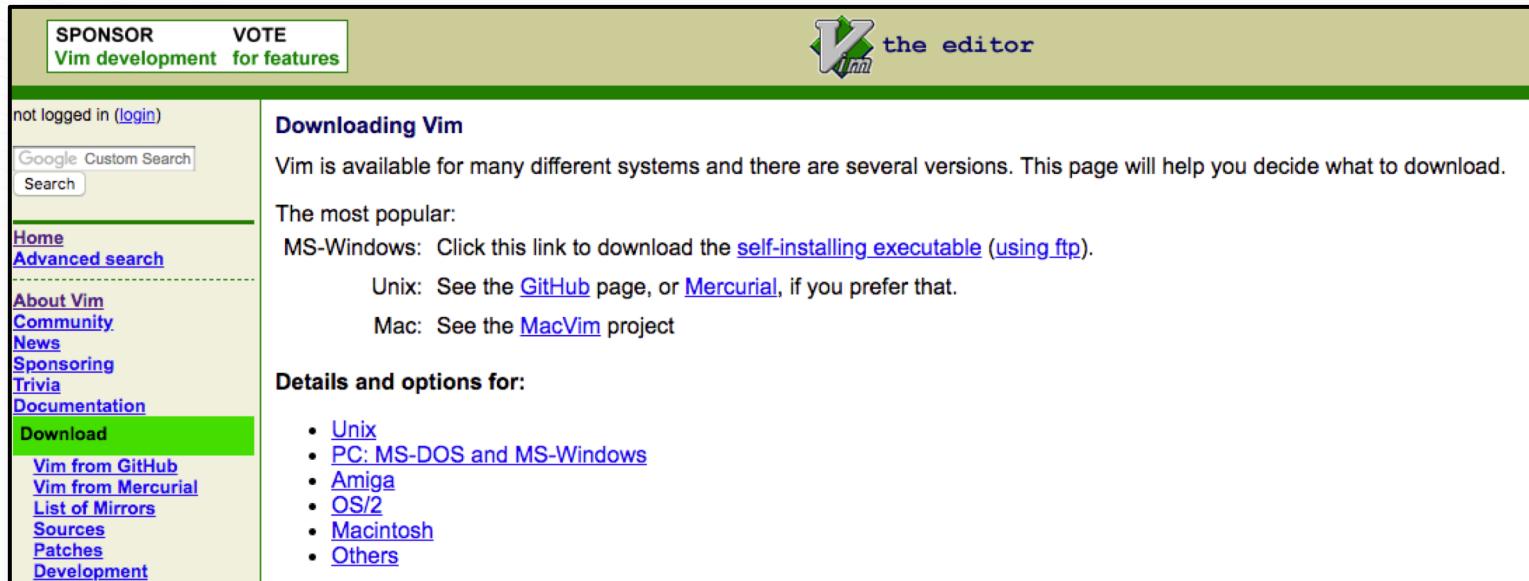
What is Vim?

- “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, configuration files, & anything else!
- Vi and Vim are often used synonymously
 - Vim is a superset of Vi

```
bash-3.2$ which vi  
/usr/bin/vi  
bash-3.2$ ls -la /usr/bin/vi  
lrwxr-xr-x 1 root wheel 3 May 31 2017 /usr/bin/vi -> vim  
bash-3.2$ which vim  
/usr/bin/vim  
bash-3.2$ █
```

Installing Vim

- Available by default on all OLCF systems
- Easily installable on any system



The screenshot shows the Vim.org website's download page. The header features a green bar with the text "SPONSOR" and "VOTE" followed by "Vim development for features". To the right is the Vim logo and the text "the editor". On the left, there's a sidebar with links for "not logged in (login)", "Google Custom Search", "Search", "Home", "Advanced search", "About Vim", "Community", "News", "Sponsoring", "Trivia", "Documentation", "Download" (which is highlighted in green), "Vim from GitHub", "Vim from Mercurial", "List of Mirrors", "Sources", "Patches", and "Development". The main content area is titled "Downloading Vim" and contains text about downloading Vim for various systems, including links for MS-Windows, Unix, and Mac. It also lists "Details and options for:" with links for Unix, PC: MS-DOS and MS-Windows, Amiga, OS/2, Macintosh, and Others.

<https://www.vim.org/download.php>

How do I use Vim?

How do I use Vim?

...to the command line!

https://www.olcf.ornl.gov/intro_vim_txt/

```
$ wget https://www.olcf.ornl.gov/wp-content/uploads/2018/06/intro_vim_txt.txt
```

Where can I learn more about Vim?

```
= Welcome to the VIM Tutor - Version 1.7 =
=====
Vim is a very powerful editor that has many commands, too many to
explain in a tutor such as this. This tutor is designed to describe
enough of the commands that you will be able to easily use Vim as
an all-purpose editor.

The approximate time required to complete the tutor is 25-30 minutes,
depending upon how much time is spent with experimentation.

ATTENTION:
The commands in the lessons will modify the text. Make a copy of this
file to practise on (if you started "vimtutor" this is already a copy).

It is important to remember that this tutor is set up to teach by
use. That means that you need to execute the commands to learn them
properly. If you only read the text, you will forget the commands!

Now, make sure that your Shift-Lock key is NOT depressed and press
the j key enough times to move the cursor so that Lesson 1.1
completely fills the screen.

Lesson 1.1: MOVING THE CURSOR

** To move the cursor, press the h,j,k,l keys as indicated. **
^
      k      Hint: The h key is at the left and moves left.
< h      l >      The l key is at the right and moves right.
      j      The j key looks like a down arrow.
      v

1. Move the cursor around the screen until you are comfortable.

2. Hold down the down key (j) until it repeats.
   Now you know how to move to the next lesson.

"/var/folders/mg/02h925h56t90l5y4fq0yh0z4jw0_14/T//tutorprF1pp" 970 lines, 33248 characters
```

- \$vimtutor
 - Less fun
- vim-adventures.com
 - More fun
- [shawncplus](https://github.com/shawncplus)
- www.vim.org/docs
- Practice!



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