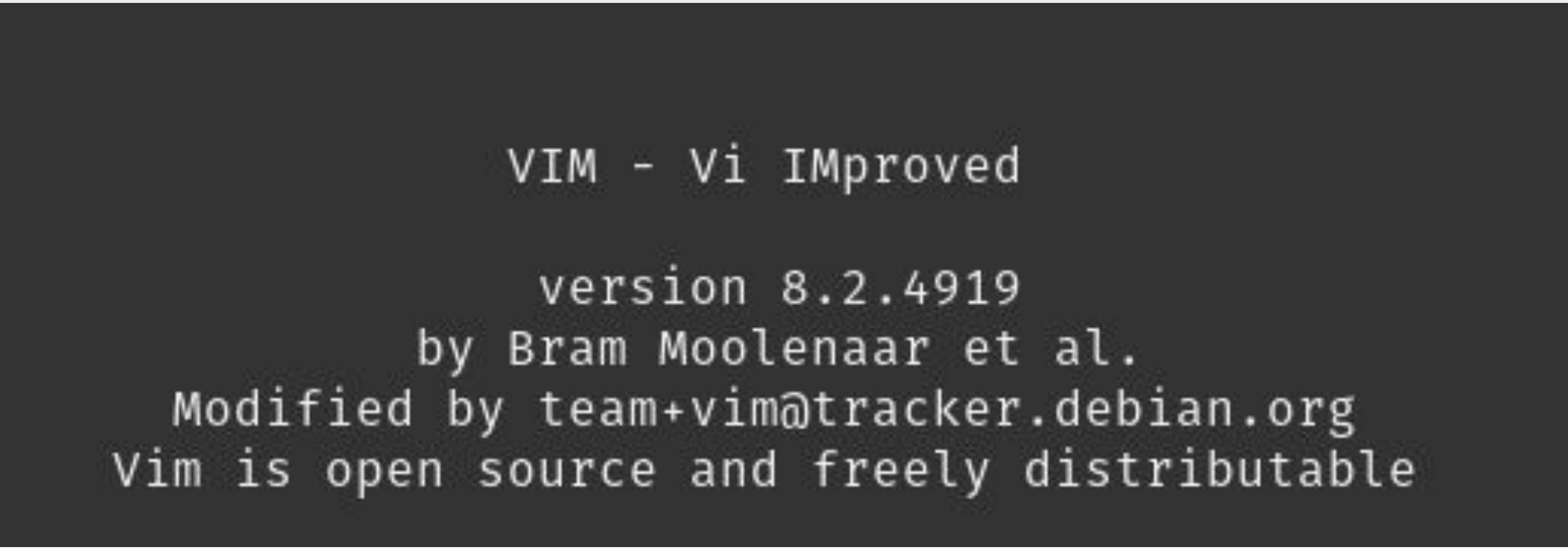
vim

Adapted from materials by Dr. Carrier



```
          VIM - Vi IMproved

           version 8.2.4919
       by Bram Moolenaar et al.
Modified by team+vim@tracker.debian.org
Vim is open source and freely distributable
```

Matt Benson - Unsplash

Launching vim

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```
vim
```

```
vim <filename>
```

File can be new or existing

The necessities

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How to exit vim:

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```
:q <enter>
```

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```
:w <enter>
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How to save:

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How to quit without saving:

```
:q!
```

The modes of vim

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1. Normal mode
2. Insert mode

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1. Normal mode (or command mode)
2. Insert mode

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It actually has six basic modes (12 total):

1. Normal mode
2. Visual mode
3. Select mode
4. Insert mode
5. Command-line mode
6. Ex mode

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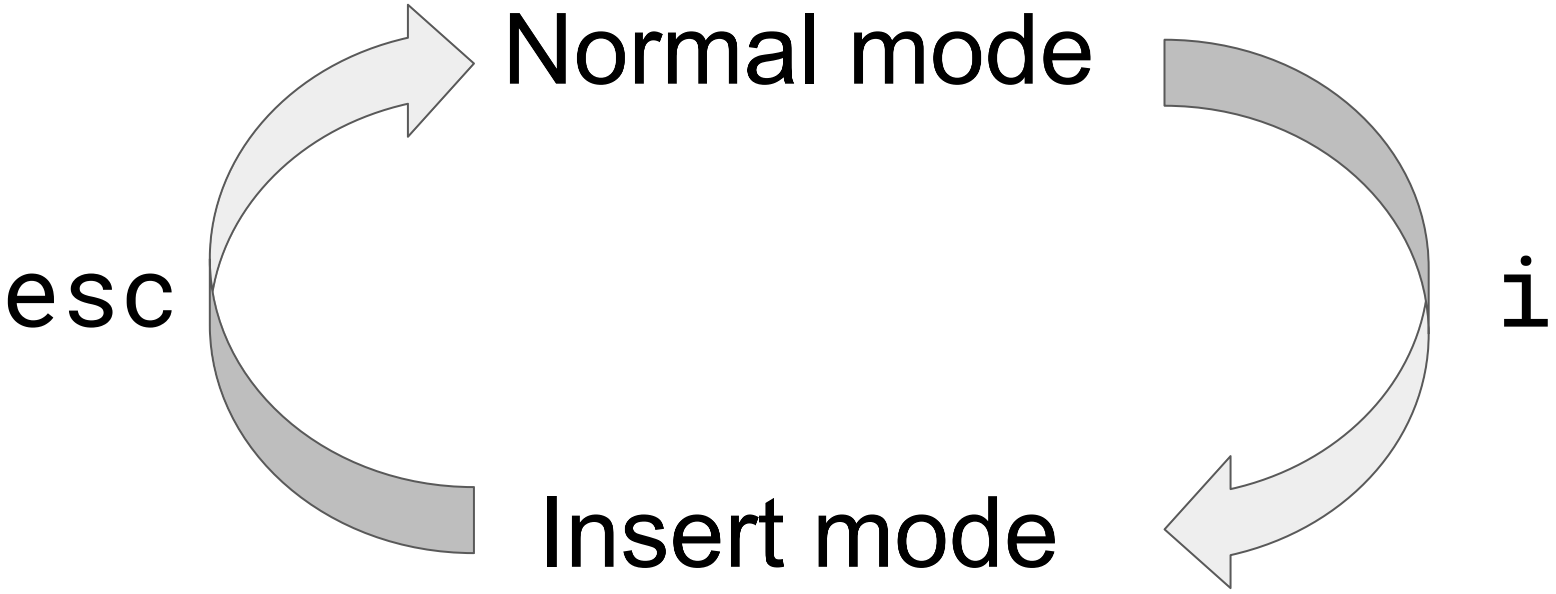


Normal mode

esc

i

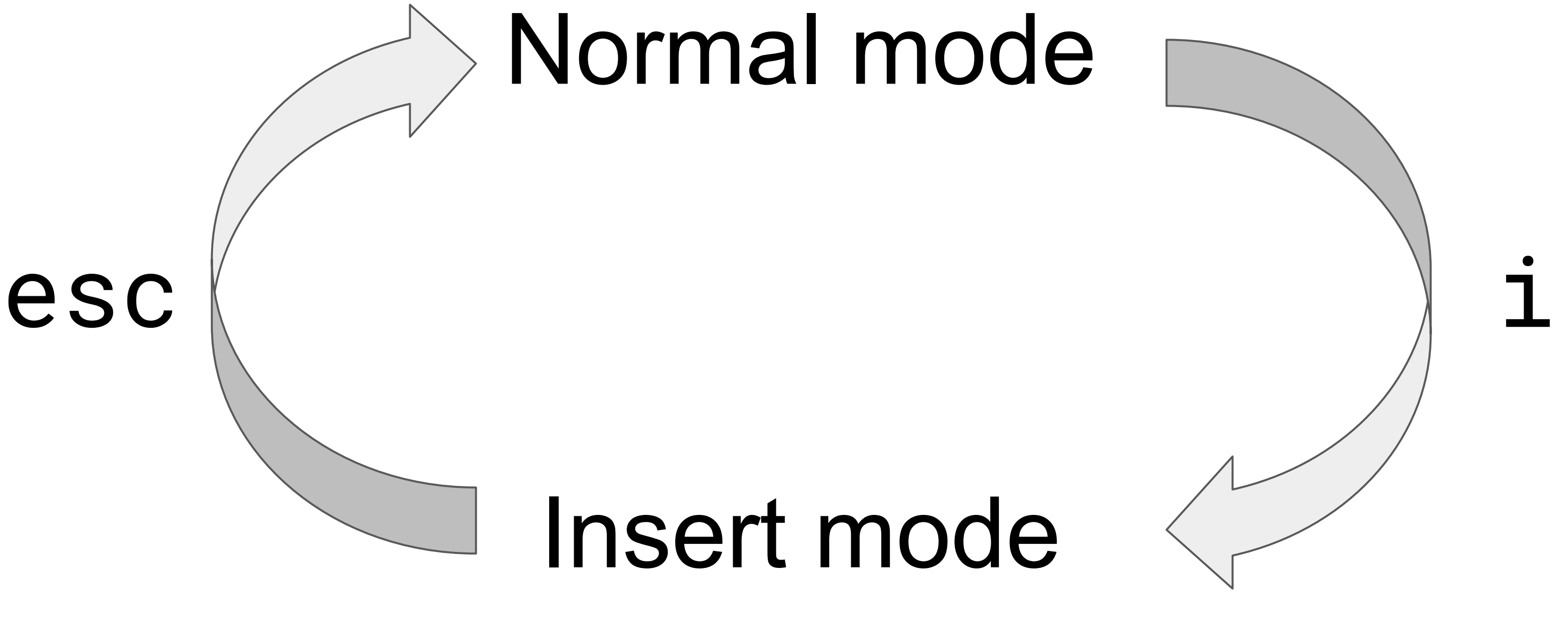
Insert mode

The modes of vim

Most people will tell you it has two modes:

1. Normal mode
2. Insert mode

From insert mode, quitting is: <esc> then :q <enter>



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- #gg or :# - Go to line #

Deletion, copy paste

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- `R` - enter replace mode
    - Keeps replacing chars as you type
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- `yy` - yank line(copy)
  - Delete commands also copy

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    - These all can be preceded by a number
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- `r` - replace char with next replace
- `R` - enter replace mode
    - Keeps replacing chars as you type
    - Escape to exit to normal mode
- yy - yank line(copy)
    - Delete commands also copy
- p - paste

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- Searching: `/text` or `?text`
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- Search and replace:
  - `%s/toreplace/newstring`
  - `%s/toreplace/newstring/g`
    for all occurrences on each line

Configuration

- You don’t want to reconfigure vim each time
- ~/.vimrc controls your configuration
  - Change tab stop
  - Colors
  - Custom commands
  - etc!

Advanced

- Tabs / buffers / windows
- Code folding
- Marks
- Visual mode
- Spell check
- Extensions
- Sessions
- Autocomplete
- And more…