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- ▶ Use `xeyes` to check if X forwarding is set up correctly.

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- Most programming languages and network protocols use plain text because it is easy for developers to understand.
- Text editors are just tools for editing plain text files. You'll be using one a lot, so you should know how to use your editor of choice.

Notepad++: notepad-plus-plus.org

Features:

- Document Map

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- Multiple Cursors

Atom: atom.io

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  - ▶ Pane: A visual section of the editor. Holds buffers, status bars, etc.

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  - `Ctrl` + `⇧` + `p` Command palette you can search through
  - Searching for files:
    - `Ctrl` + `t`, `Ctrl` + `p` Find a file in the current open directories
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- Documentation

Vim Terminology: vim.org

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Tip: `:set mouse=a`

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  - `a`: Insert after cursor (append at cursor)
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- ▶ Replace: Overwriting text. `R`
- ▶ Visual: Selecting text.
    - ▶ `v`: Character select
    - ▶ `V`: Line select
    - ▶ `Ctrl`+`v`: Block select

Moving Around

- `j`/`k`/`h`/`l`: up/down/left/right
- `^`/`$`: Beginning/end of line
- `w`/`e`/`b`: Next word/Next word end/Back one word
- `%`: Matching brace or parenthesis
- `gg`/`G`: Top/bottom of document

Tip: Repeat commands by specifying a number first: `2w`

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Tip: Compose with insert modes: `c4w`

Miscellany

- `:w` Save
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- Clipboards
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    - `"+y`: Yank to system clipboard
- `>`/`<`: Indent/Outdent
- `=`: Autoformat

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Configuration

- `.vimrc` in your home directory
- Example config on the website

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Plugins

- Airline: Pretty status bar
- Fugitive: Git integration
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Links

- Vim Cheat Sheet
- Another cheat sheet

Emacs: GNU Emacs

Use `emacs -nw` to launch in the terminal (instead of a GUI)

- ▶ Frame: Everything you can see (you can have multiple frames!)
- ▶ Buffer, Window: As with vim and atom
- ▶ Instead of `Ctrl`+`n`, emacs writes this as `C-n`
- ▶ Meta key (written `M-x`): Use `Alt`+`x` or `Esc` `x`
- ▶ In Emacs: `C-h t` starts a tutorial

Moving

- `C-n` / `C-p` next/previous line
- `C-f` / `C-b` forward/back one character
- `M-f` / `M-b` forward/back one word

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- `C-a` / `C-e` Beginning/end of line
- `C-v` / `M-v` Down/Up one page

Cut/Paste

- Deleting: Backspace(`<DEL>`)/ `C-d`
- Kill (cut) a word: `M-<DEL>` / `M-d`
- Kill to the end of a line: `C-k`
- Unkill (paste): `C-y`
- `M-y` to cycle through kills

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- Saving a file: `C-x C-s`
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- Reference Card
- Emacs Tour