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" Make your VS Code Smarter "

VS Code Anatomy

- Activity Bar

- Side Bar - Primary and Secondary

- Status Bar

- Editor Groups

- Workbench

- Tracker

- Minimap

- Bottom Panel

Project vs Workspace

- [project].*code-workspace*

```
{
  "folders": [
    {
      "path": "."
    }
  ],
  "settings": {}
}
```

Settings File [⌘ + ,]

- Workspace settings file --> *.vscode/settings.json*

- User settings file --> *settings.json*

- Current profile settings (if profile set other than *default*)

- Change settings using settings view or setting file

- See modified settings using filter `@modified` term

Keyboard shortcuts [⌘ + K + S]

- Search existing key bindings using keystrokes

- Change key bindings

- Add new key bindings (User Path/*keybindings.json*)

- check modified key bindings using `@source: user` term

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most used keyboard shortcut

Action	Mac	Windows
Join lines	⌘ + J	Ctrl + J
Move line up	Option + ▲	Ctrl + ↑
Copy line down (duplicate)	Shift + Option + ▼	Shift + Alt + ↓
Delete line	⌘ + Shift + K	Ctrl + Shift + K
Last Cursor Position	Ctrl -	Alt -

Extensions [⌘ + Shift + X]

- Add recommened extensions located in *.vscode/extensions.json* file

```
{
  "recommendations": [
    "dbaeumer.vscode-eslint",
    "alefragnani.project-manager",
    "streetsidesoftware.code-spell-checker",
    "esbenp.prettier-vscode",
    "oderwat.indent-rainbow",
    "davidanson.vscode-markdownlint",
    "christian-kohler.path-intellisense",
    "artdiniz.quitcontrol-vscode"
  ]
}
```

UI Modification

- Theme and Icons

- Move/Remove item from Side bar / Activity bar / Bottom Panel

- Pin Tab

- Source Action -- Rename Symbol

- Mini Map

- Exclude/ Include

- Window Title

- Font (**Fira Code** ❤️)

- Local File History

Search Feature [⌘ + Shift + F]

- File Search

- Folder Search

- Regex

- show line # while search

⌘ + P is your friend

- File search by acronym
- Go to line using `:num`
- Go to symbol using `:@`
- Open multiple files using `->`
- View Only files have italic title

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Cmd + Shift + P is your guard

- Command panel

- Extension Shortcut

- general editing feature -- Change Case / Sort

- Developer Tools

Git integration

- default branch naming

- lock specific branch

- random branch name

- commit and push together

```
{
  "git.autofetch": true,
  "git.branchPrefix": "feature/zero/",
  "git.postCommitCommand": "push",
  "git.rememberPostCommitCommand": true,
  "git.branchProtection": ["master", "develop"]
}
```

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custom snippets

- user snippet

  - scope

  - prefix

  - body

  - description

- global snippet

- key binding for snippet

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Zen Mode

- distraction free

- modifications in settings.json

```
"zenMode.hideLineNumbers": false
"zenMode.centerLayout": false,
"zenMode.hideTabs": false,
```

Screencast mode

Auto Format and lint

```
"editor.defaultFormatter": "esbenp.prettier-vscode",
"eslint.format.enable": true,
"editor.formatOnSave": true,
"editor.formatOnPaste": false,
"[typescriptreact][typescript]": {
  "editor.defaultFormatter": "esbenp.prettier-vscode"
},
"editor.codeActionsOnSave": {
  "source.fixAll": true,
  "source.organizeImports": true
}
"
```

settings order

.editorconfig > .prettierrc > .eslintrc > vs code config

.eslintrc.json < .eslintrc.yaml < .eslintrc.js

Custom dictionary

- code spell extension settings

```
"cSpell.customDictionaries": {
    "myDictionary": {
      "name": "myDictionary",
      "path": "~/myDictionary.txt",
      "scope": "user",
      "addWords": true
    }
  }
```

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Javascript Debugger

Custom Profile and Settings Sync

- export custom profile

Thank you

" *@xkeshav* "