

# IDE customization

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# Motivation

- work less do more (jQuery)
- less mistakes
- better orientation

# Making package

## **nmp package**

written in JS or TS

```
import library
```

```
import * as vscode from 'vscode';
```

## **VS Code API**

```
commands.registerCommand('extension.sayHello', () => {  
    window.showInformationMessage('Hello World!');  
});
```

# Installation

where are extensions stored

```
$HOME/.vscode/extensions/myextension
```

install in shell

```
code myExtensionFolder/myExtension.vsix
```

install inside IDE under package browser

# Look customize

## theme

- background
- color of components

## icons

**make it stupidly overpowered**

*eg. vscode-spotify*

# Color

**Bracket Pair Colorizer 2**  
**Better Comments**  
**Color Highlight**

# Indent

**Readable Indent**  
**indent-rainbow**

# Minimap

not default in all IDEs  
separated customization for minimap  
*eg. select highlight in minimap*




# Git history

**GitLens - Git supercharged**

# IntelliSense



## Python

ms-python  8.2M

Linting, Debugging (multi-threaded, remote), Inte...



## C/C++

ms-vscode  5.3M

C/C++ IntelliSense, debugging, and code...



## C#

ms-vscode  4.1M

C# for Visual Studio Code (powered by OmniSharp).



## Java Extension Pack

vscjava  1.7M

Popular extensions for Java development and more.



## Go

ms-vscode  1.7M

Rich Go language support for Visual Studio Code



## PHP Extension Pack

felixbecker  686.2K

Everything you need for PHP development



## Ruby

rebornix  601.9K

Provides Ruby language and debugging support for ...



## Rust (rls)

rust-lang  195.8K

Rust language support - code completion, Intellis...

Path Intellisense

# Code snippets

for every language one package  
depends on extension of file (.js)

example

```
log → console.log(cursor here)
```

# Beautify

help with:

- indent based on brackets
- spaces in math
- split lines by content

can be invoked with file save

can be customized

eg. indent with tabs / spaces (and number of spaces)

# Keyshortcuts

shown in menu — > easy to learn  
can be added in *keybindings.json*

# Live server

run server for html and JS testing  
AJAX can be send  
with extension can debug inside chrome

# Docker package

- control docker from IDE
- inspect containers
- get info about running container

# Sync

sync settings, keybinds and packages

## **Settings Sync**

synced over git:gist



# Questions?

# The End