

# Building Web Applications with Node.js and Express 4.0 (UPDATE)

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## GETTING STARTED



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# What **You** Will Learn



## Building Web Apps

- From the beginning.
- Node and NPM
- Gulp
- Templating Engines
- Routing
- Databases



# What Is Node.js?

Open Source  
server side  
runtime environment

Truly cross platform

Uses Javascript as its  
language!



# So, What Is Express?



+

Web Development  
Framework



+

express

Unopinionated  
&  
minimalist



# Node Installation

- Installing Node
- Command Line
- Our First File



# What Editor Do I Use?



# Pick Your Editor





- Fantastic Text Editor
- Package Options
- Commercial Editor - \$70





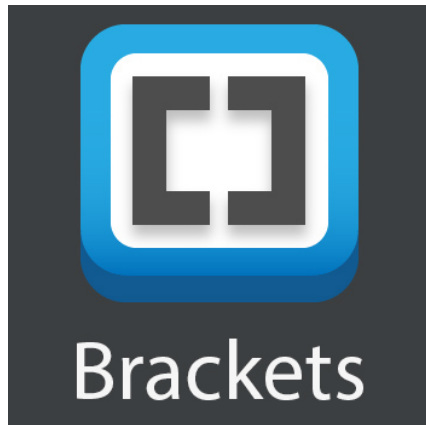
- True IDE
- Jet Brains
- Commercial Editor - \$99





- Modern Text Editor
- Very Approachable
- Hackable To It's Core
- Free...

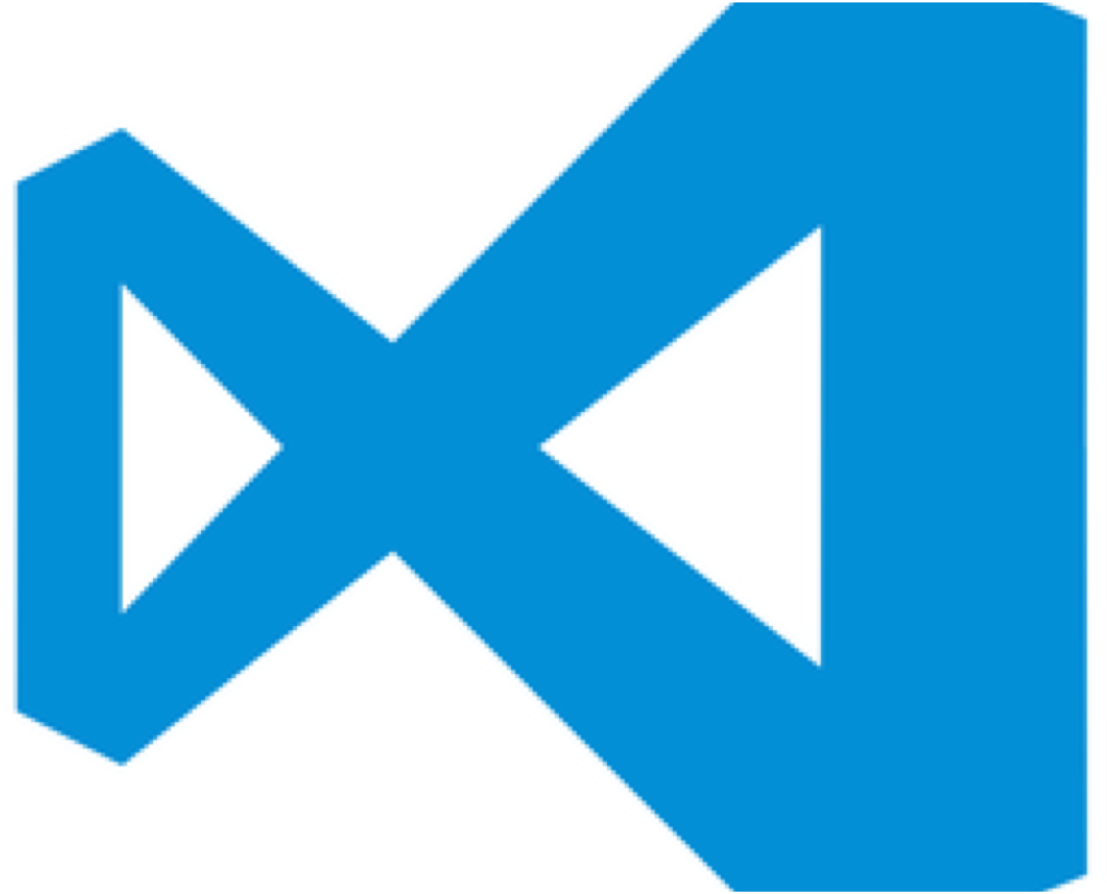




- Versatile IDE
- Extensions
- Free



## Honorable Mention



# So, What Is NPM?



Package Management  
for Node.js

+

Easy Updates and  
Version Management



# NPM Versioning

`^4.13.3`

`~4.13.3`

`4.13.3`



# NPM Versioning

`^4.13.3`



# NPM Versioning

`^4.xx.x`





# NPM Versioning

`^4.14.1`



# NPM Versioning

`^4.13.3`

`~4.13.3`



# NPM Versioning

`^4.13.3`

`~4.13.x`



# NPM Versioning

`^4.13.3`

`~4.13.5`



# NPM Versioning

`^4.13.3`

`~4.13.3`

`4.13.3`



# NPM Versioning

`^4.13.3`

`~4.13.3`

`4.13.3`

`Etc...`



# What **You** Learned



## Building Web Apps

- What is Node?
- Editors
- Brackets
- NPM
- Versioning Packages

