

CSS

BOOTSTRAP 5

GETTING STARTED

Environment



IN A ROCKET

Learn front-end development at *rocket speed*

A diagram illustrating the combination of three tools. It consists of three rounded rectangular boxes arranged horizontally. The first box on the left is black and contains the word 'EDITOR' in white. To its right is a plus sign, followed by a gray box containing the word 'BROWSER' in white. To the right of that is another plus sign, followed by a final gray box containing the words 'DEV TOOLS' in white.

EDITOR

+

BROWSER

+

DEV TOOLS

ENVIRONMENT SETUP: EDITOR

Editor: pre-installed

You can just use any text editor preinstalled in your computer.



Notepad



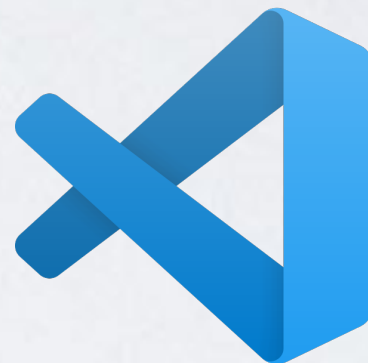
TextEdit



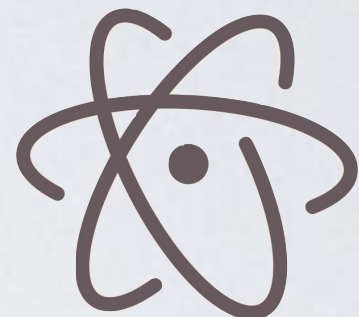
Gedit



Sublime Text



VS Code



Atom



Editor: additional

There are more advanced editors to code. We will use VS Code for this course.

You can use any editor to develop Bootstrap projects. We suggest using VS Code in this workshop as it includes Emmet out-of-the-box. It makes easier to build HTML and be more focused on your Bootstrap learning.





A diagram consisting of three rounded rectangular boxes arranged horizontally. The first box on the left is light gray and contains the word 'EDITOR' in white. To its right is a dark gray plus sign. The second box in the middle is black and contains the word 'BROWSER' in white. To its right is another dark gray plus sign. The third box on the right is light gray and contains the words 'DEV TOOLS' in white.

EDITOR

+

BROWSER

+

DEV TOOLS

ENVIRONMENT SETUP: BROWSER SUPPORT

Mobile	Chrome	Firefox	Safari	Android Browser & WebView
Android	✓	✓	N/A	Android v6.0+ supported
iOS	✓	✓	✓	N/A

Desktop	Chrome	Firefox	Edge	Opera	Safari
Windows	✓	✓	✓	✓	N/A
macOS	✓	✓	✓	✓	✓

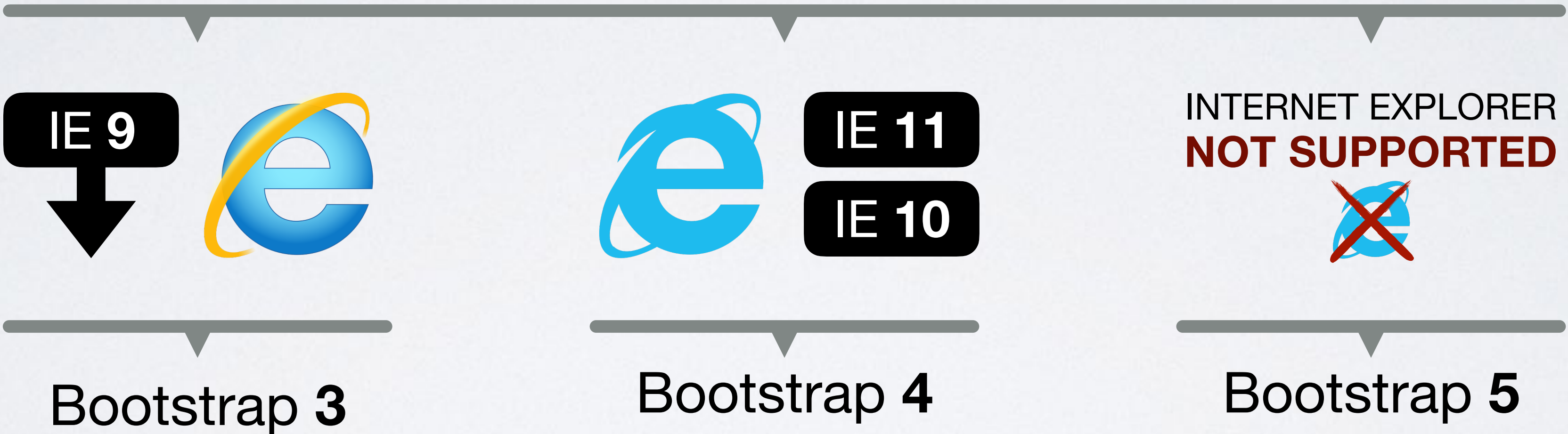
Proxy browsers are not supported
(e.g. Opera Mini, Opera Mobile's Turbo mode, UC Browser Mini, Amazon Silk).

ENVIRONMENT SETUP: BROWSER SUPPORT

Check your analytics

Check StatCounter

If your project requires to work on
Microsoft Internet Explorer



Some CSS3 properties and HTML5 elements
are not fully supported in IE10.

ENVIRONMENT SETUP: BROWSER

Browser: pre-installed

You can just use any preinstalled browser in your computer.



Edge



Safari



Firefox



Chrome



Firefox



Opera



Browser: additional

There are other browsers that you can also install in your computer.

Most used browser worldwide.
Source: [StatCounter](#).



We will use its
[Grid Inspector](#) tool
when creating layouts.





A diagram illustrating the combination of three tools: Editor, Browser, and Dev Tools. The Editor and Browser are represented by light gray rounded rectangles, while Dev Tools is represented by a black rounded rectangle. Plus signs are placed between the Editor and Browser, and between the Browser and Dev Tools, indicating they are combined.

EDITOR

+

BROWSER

+

DEV TOOLS

ENVIRONMENT SETUP: DEV TOOLS

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Parcel

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RFS

RTL

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documentation, compile source code, run tests, and more.

Tooling setup

Bootstrap uses [npm scripts](#) for its build system. Our [package.json](#) includes convenient methods for working with the framework, including compiling code, running tests, and more.

To use our build system and run our documentation locally, you'll need a copy of Bootstrap's source files and Node. Follow these steps and you should be ready to rock:

1. [Download and install Node.js](#), which we use to manage our dependencies.
2. Either [download Bootstrap's sources](#) or fork [Bootstrap's repository](#).
3. Navigate to the root `/bootstrap` directory and run `npm install` to install our local dependencies listed in [package.json](#).


When completed, you'll be able to run the various commands provided from the command line.

Using npm scripts

Our [package.json](#) includes numerous tasks for developing the project. Run `npm run` to see all the npm scripts in your terminal. **Primary tasks include:**

Task	Description
<code>npm start</code>	Compiles CSS and JavaScript, builds the documentation, and starts a local server.

ENVIRONMENT SETUP: DEV TOOLS




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Downloads


Latest LTS Version: **14.16.1** (includes npm 6.14.12)

Download the Node.js source code or a pre-built installer for your platform, and start developing today.

LTS
Recommended For Most Users


Windows Installer
node-v14.16.1-x86.msi


macOS Installer
node-v14.16.1.pkg


Source Code
node-v14.16.1.tar.gz

32-bit	64-bit
32-bit	64-bit
64-bit	
64-bit	
64-bit	
ARMv7	ARMv8
node-v14.16.1.tar.gz	

Windows Installer (.msi)

Windows Binary (.zip)

macOS Installer (.pkg)

macOS Binary (.tar.gz)

Linux Binaries (x64)

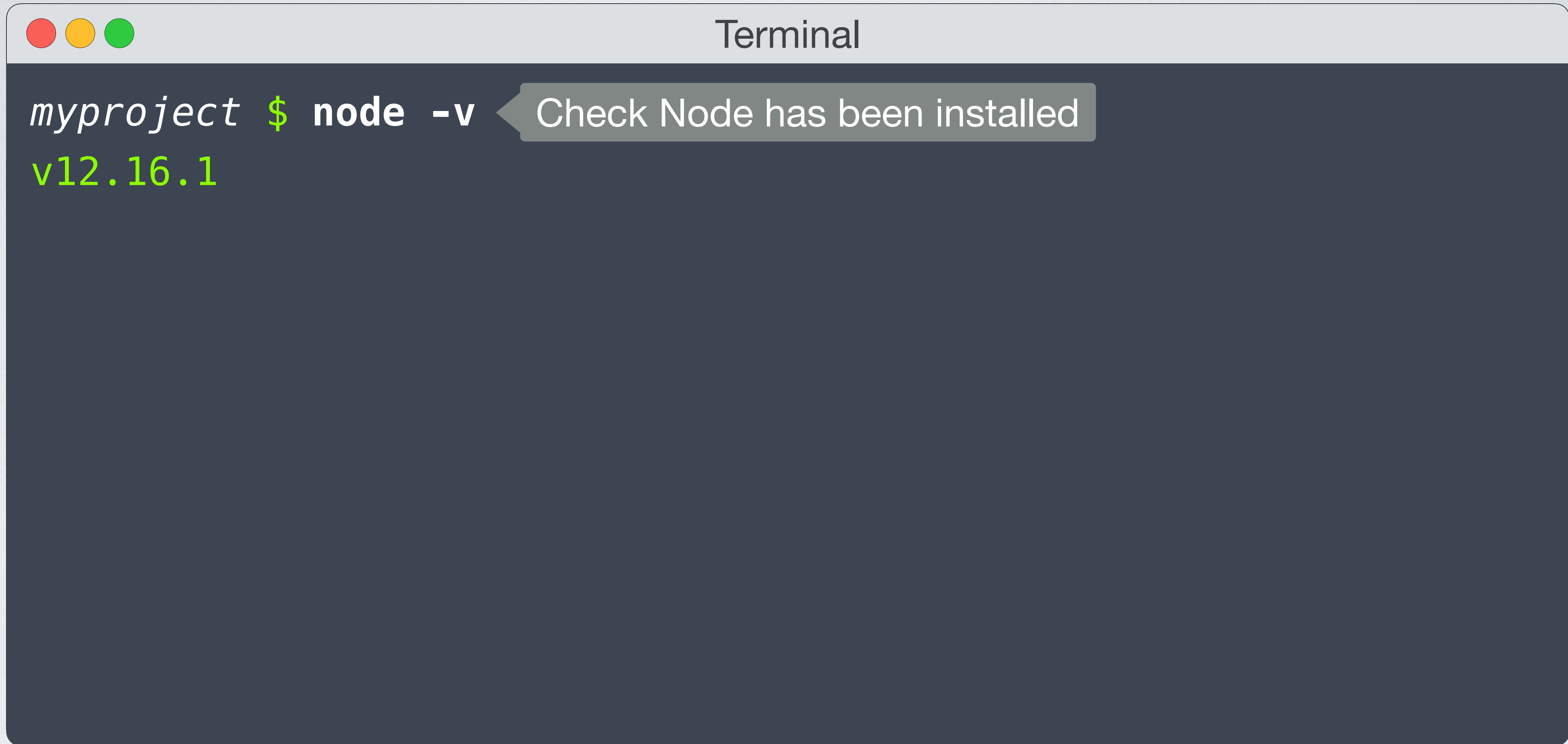
Linux Binaries (ARM)

Source Code

BOOTSTRAP 5: Best practices and real challenges

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ENVIRONMENT SETUP: DEV TOOLS

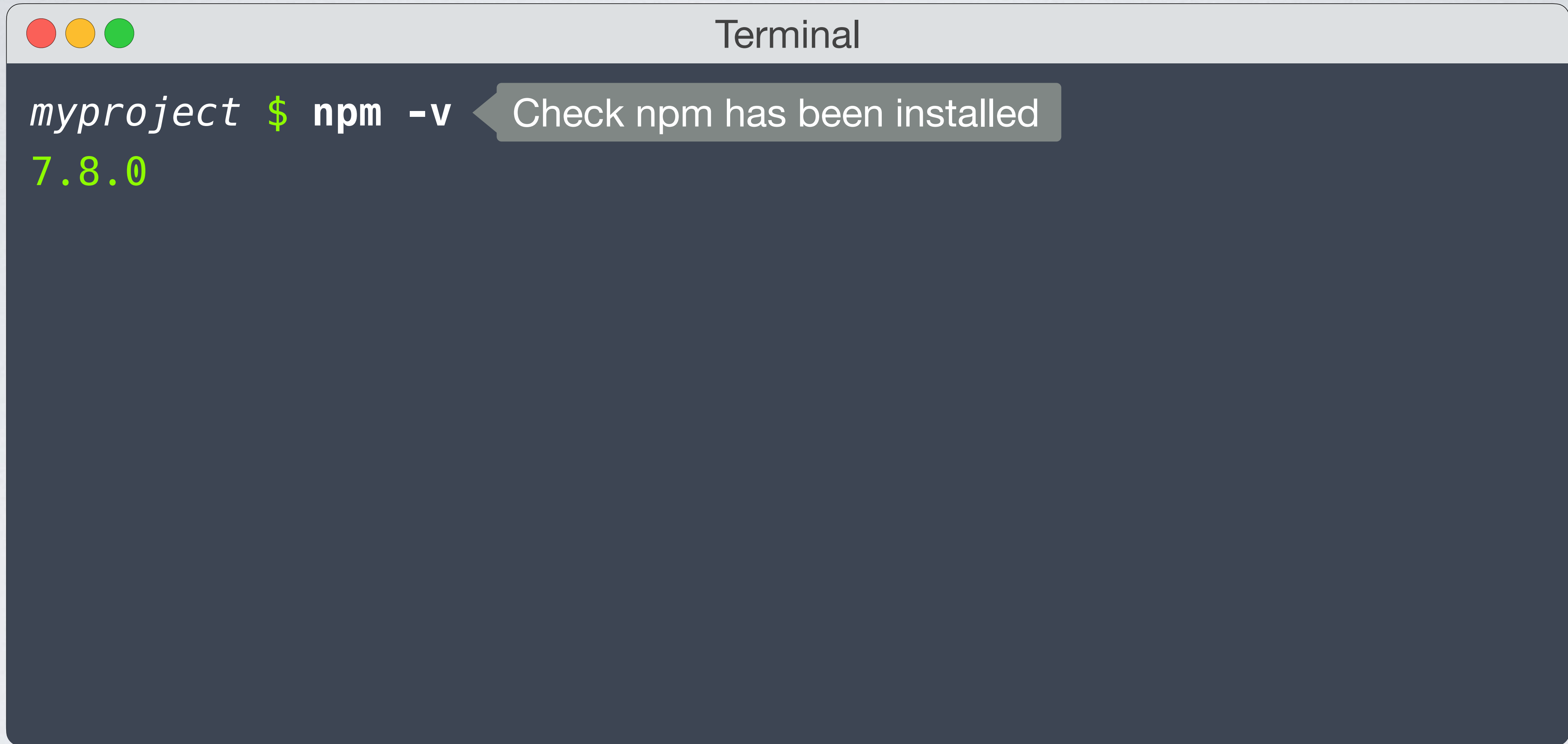


A terminal window titled "Terminal" with a light gray title bar and three colored window control buttons (red, yellow, green) on the left. The terminal has a dark blue background. The command `myproject $ node -v` is entered in white text. The output `v12.16.1` is displayed in green text. A gray tooltip with the text "Check Node has been installed" and a white arrow pointing to the command is positioned to the right of the command line.

```
myproject $ node -v
v12.16.1
```

Check Node has been installed

ENVIRONMENT SETUP: DEV TOOLS



A terminal window titled "Terminal" with a light gray title bar and three colored window control buttons (red, yellow, green) on the left. The terminal has a dark blue background. The prompt is `myproject $`. The command `npm -v` has been entered. The output `7.8.0` is displayed in green. A gray tooltip with a left-pointing arrow is positioned over the command, containing the text "Check npm has been installed".

```
myproject $ npm -v  
7.8.0
```

Check npm has been installed

EDITOR



BROWSER



DEV TOOLS



CSS

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