



JavaScript IDEs



- Version orientée Web de IntelliJ IDEA de l'éditeur JetBrains
<https://www.jetbrains.com/webstorm/>
- Licence : Commercial
Licence entre 41 à 159 euros par an selon le profil et l'ancienneté.
Version d'essai 30 jours.
- Plugins :
Annuaire (642 en novembre 2016) : <https://plugins.jetbrains.com/webStorm>
Langage de création : Java



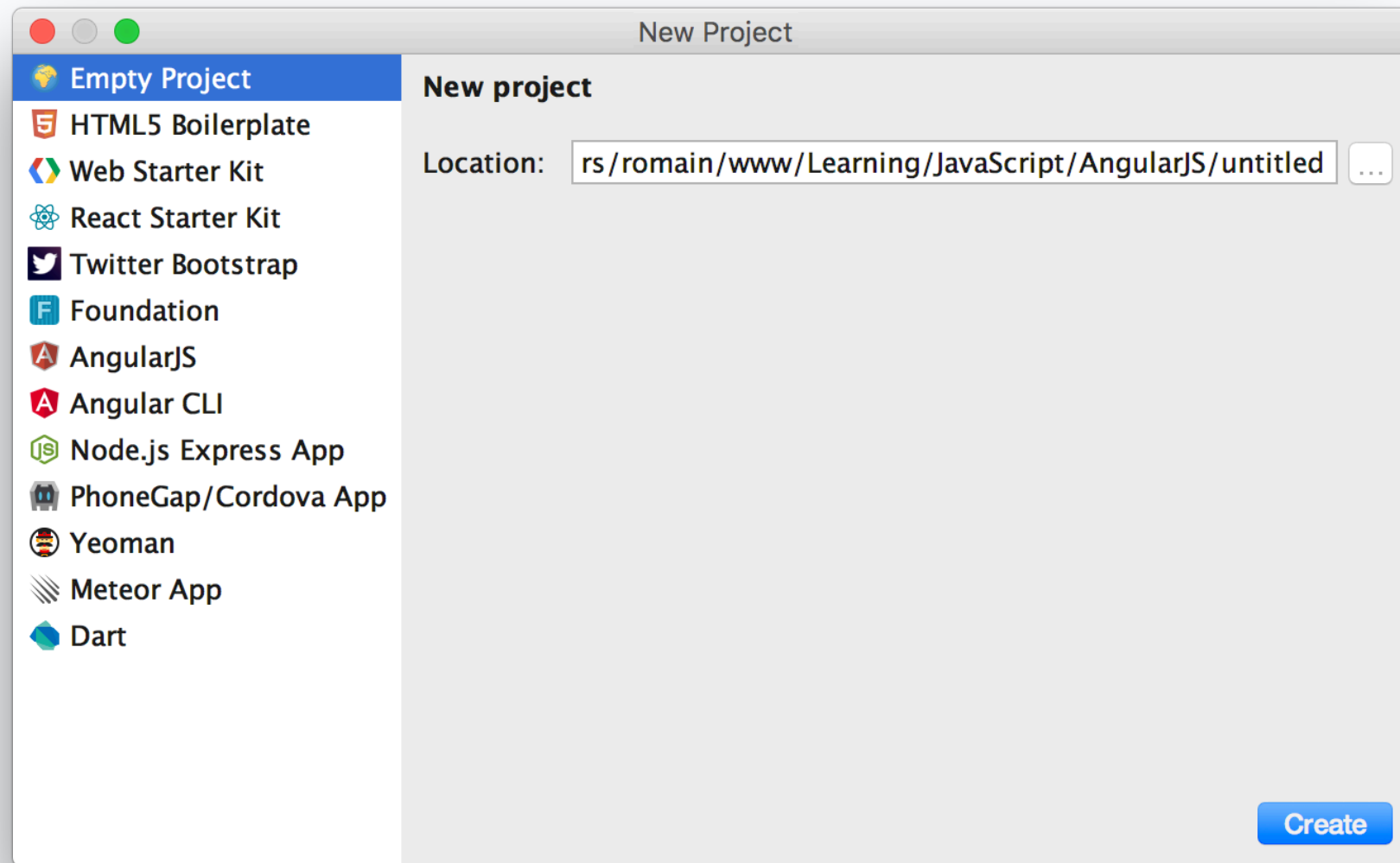
JavaScript IDEs - Webstorm

A screenshot of the WebStorm IDE interface. The top toolbar shows the 'Run' button (a green play icon) and other standard IDE icons. The 'Project' view on the left shows a folder structure for 'Language' with subfolders like 'Array', 'ES5.1', 'EventLoop', 'Function', 'Number', 'Objet', 'Promesse', and various JavaScript files. The 'functionnal.js' file is selected. The main editor displays the following JavaScript code:

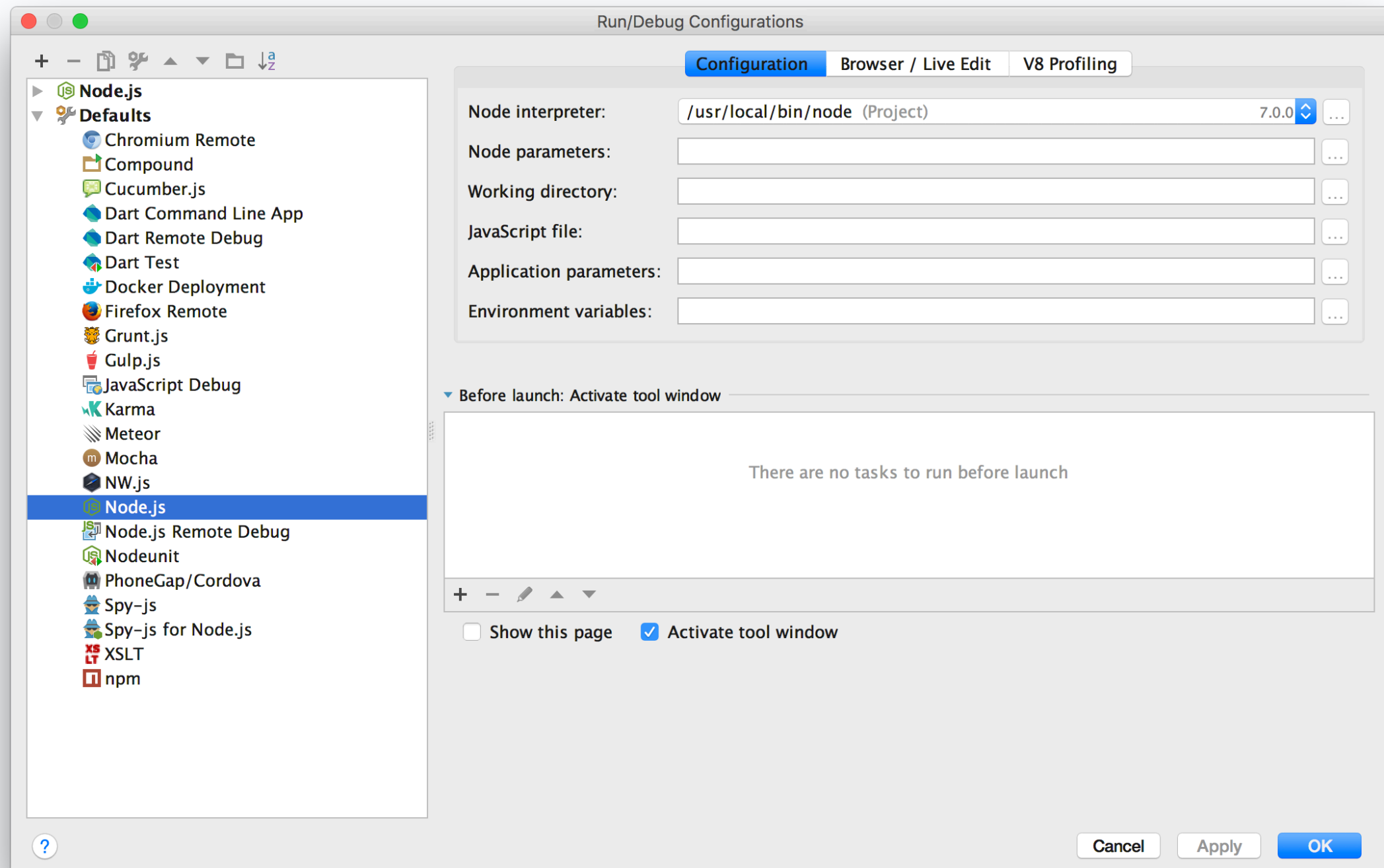
```
1 var firstNames = ['Romain', 'Jean', 'Eric'];
2
3 firstNames.filter((firstName) => firstName.length === 4)
4   .map((firstName) => firstName.toUpperCase())
5   .sort()
6   .forEach((firstName) => console.log(firstName));
7
8 // Outputs :
9 // ERIC
10 // JEAN
11
```

The 'Run' button is highlighted. Below the editor, the 'Run' tool window shows the command executed: `/usr/local/bin/node /Users/romain/www/Learning/JavaScript/Language/Array/functionnal.js`. The output of the program is displayed as `ERIC` and `JEAN` on separate lines. Below the output, it states `Process finished with exit code 0`. The bottom status bar shows the file encoding as `UTF-8` and the time as `11:1`.

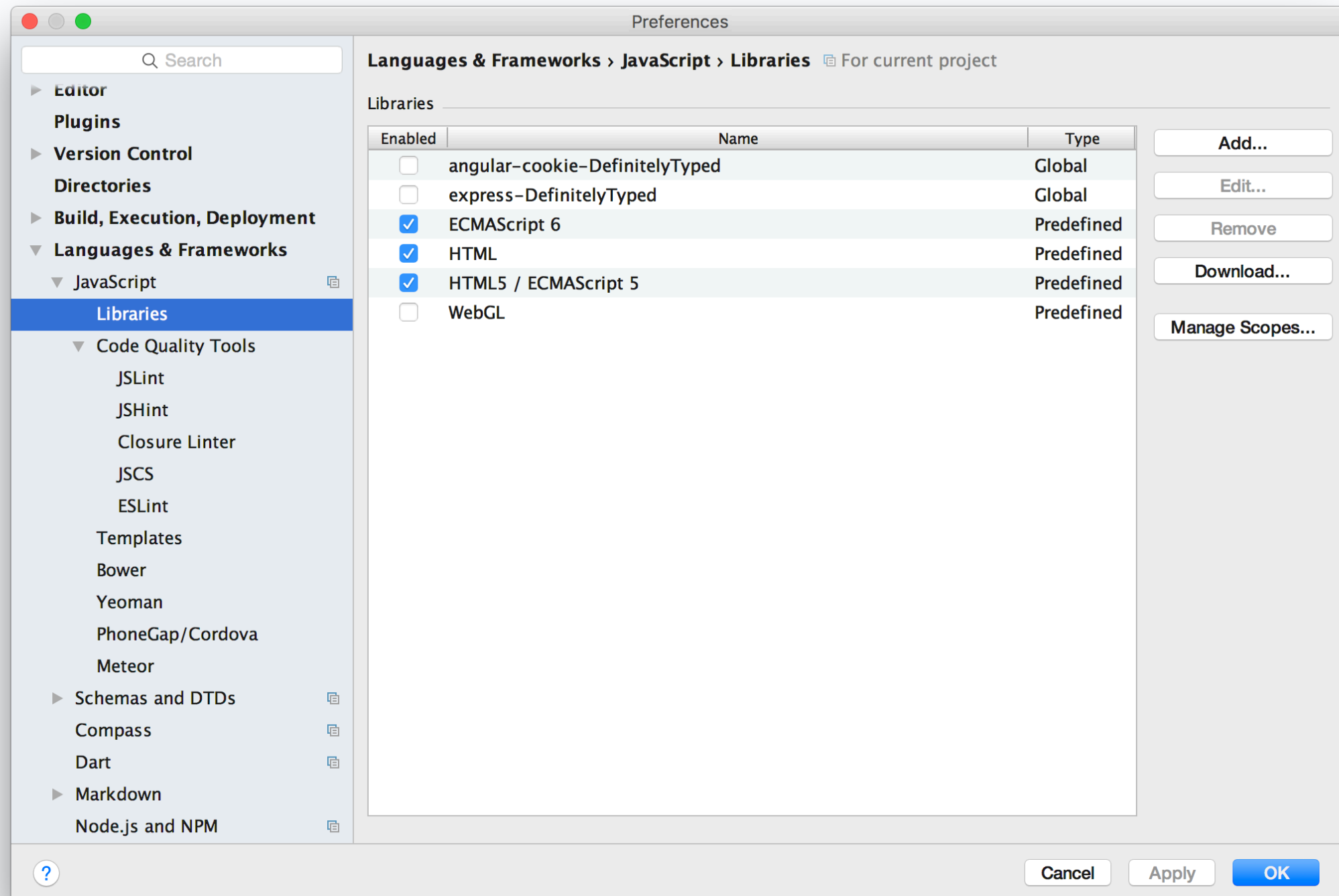
JavaScript IDEs - Webstorm



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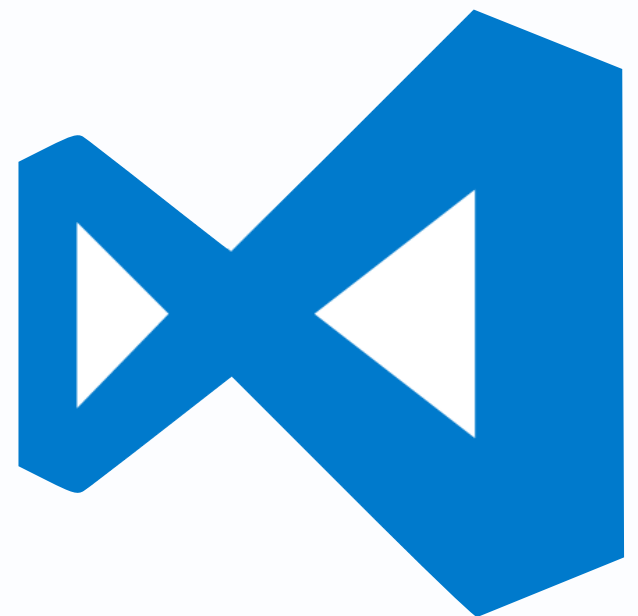
JavaScript IDEs - Webstorm



JavaScript IDEs - Visual Studio Code



- IDE créé par Microsoft, tourne sous Electron (Chromium + Node.js)
<http://code.visualstudio.com/>
- Licence : MIT
La licence open-source la plus permissive
- Plugins :
Annuaire (1867 en novembre 2016, + de 27000 en 2021) : <https://marketplace.visualstudio.com/VSCode>
Langage de création : JavaScript sous Node.js
- Documentation
<https://code.visualstudio.com/docs>



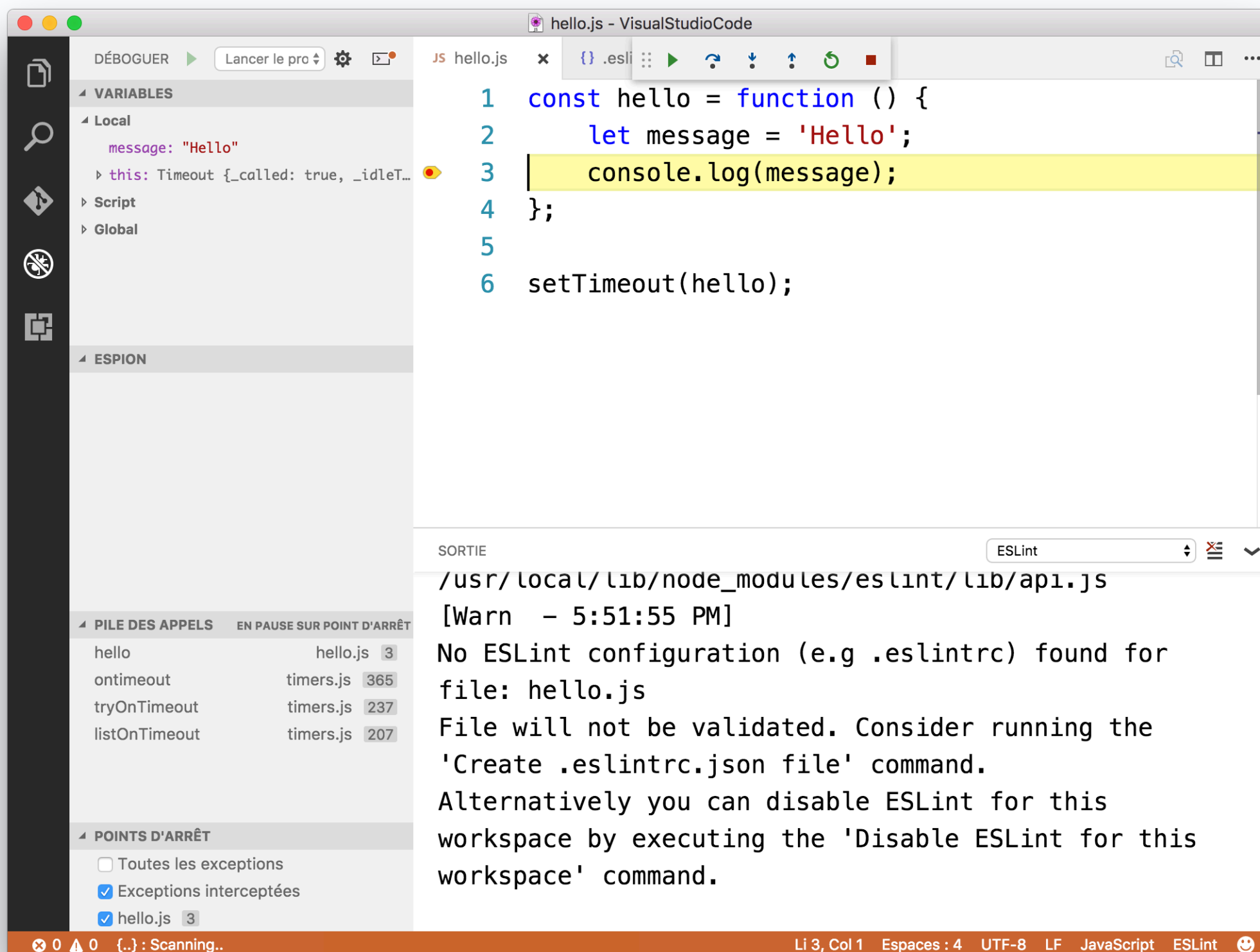
JavaScript IDEs - Visual Studio Code

A screenshot of the Visual Studio Code editor interface. The left sidebar shows the Explorer view with a file tree for a project named 'universal-starter'. The main editor area displays a TypeScript file named 'about.module.ts' with the following code:

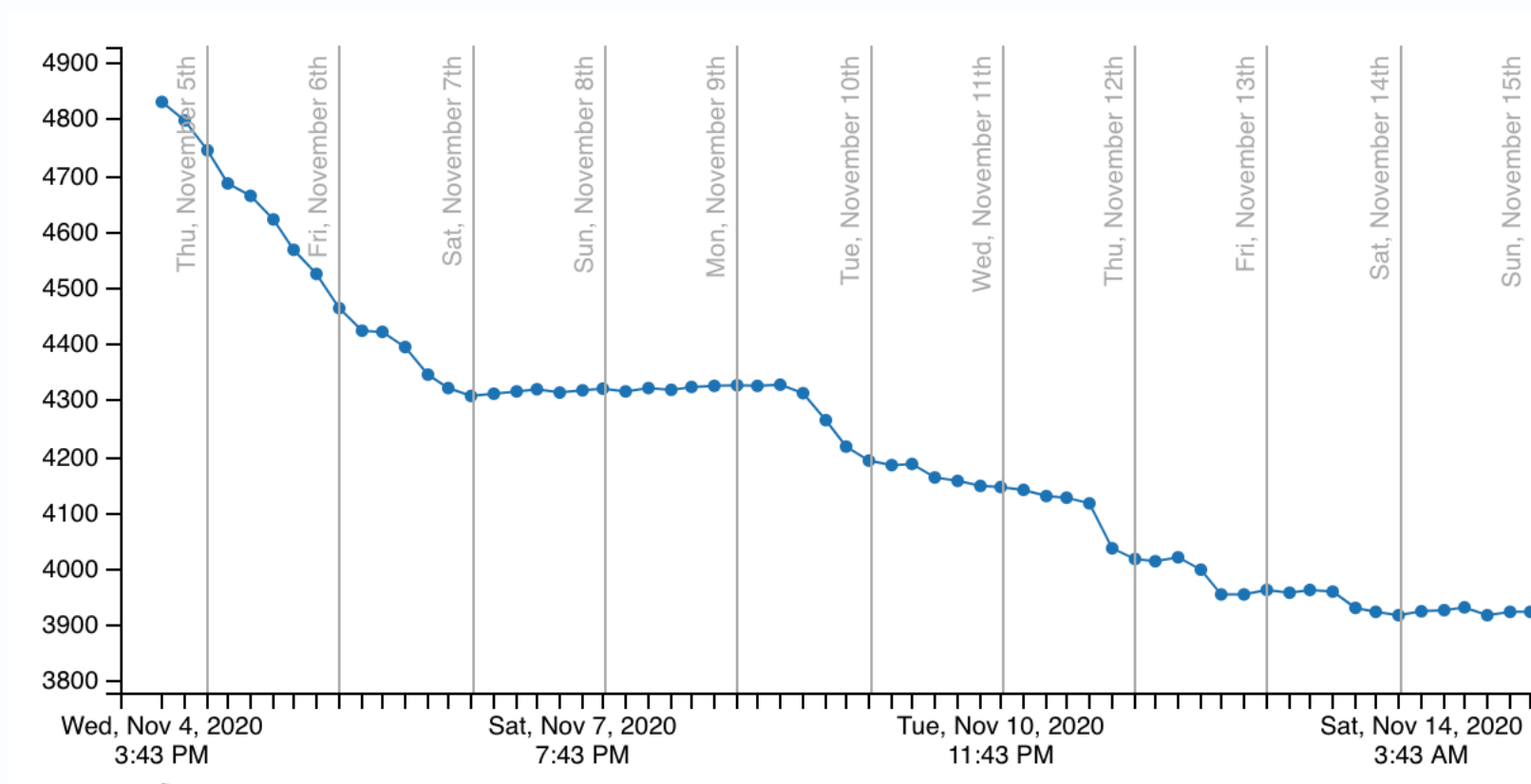
```
1 import { Title } from '@angular/platform-browser';
2 import { NgModule } from '@angular/core';
3
4 import { AboutComponent } from './about.component';
5 import { AboutRoutingModule } from './about-routing.module';
6
7 @NgModule({
8   imports: [
9     AboutRoutingModule
10  ],
11  declarations: [
12    AboutComponent
13  ],
14  providers: [
15    Title
16  ],
17 })
18 export class AboutModule { }
```

The bottom status bar shows the current file is at line 19, column 1, using UTF-8 encoding and LF line endings, and it is a TypeScript file.

JavaScript IDEs - Visual Studio Code



JavaScript IDEs - Visual Studio Code





- Permet de standardiser les configs des IDEs sur l'indentation et les retours à la ligne <http://editorconfig.org>
- Supporté par la plupart des IDE
- Il suffit de créer un fichier .editorconfig à la racine d'un projet

```
# EditorConfig is awesome: http://EditorConfig.org

# top-most EditorConfig file
root = true

# Unix-style newlines with a newline ending every file
[*]
end_of_line = lf
insert_final_newline = true
charset = utf-8
indent_style = space
indent_size = 4

# HTML + JS files
[*.{html,js}]
indent_size = 2
```