



Visual Studio

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COME ESSERE PRODUTTIVI CON VS CODE

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COS'E' VISUAL STUDIO CODE

DEFINIZIONE NELLA DOC. UFFICIALE / [Getting Started](#):

"Visual Studio Code is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity)."

CARATTERISTICHE:

- **Lightweight** (ndr super veloce)
- **Multi-Platform** Windows/Mac/Linux (e non solo <https://code.headmelted.com>)
- Supporto nativo per "**Tecnologie Web**" (HTML/CSS/JS + Typescript + Node.js)
- **Extensions** (ndr moltissime) per altri linguaggi: .NET C++/C# ma anche Java/PHP/Go ...
- Editor vs **IDE**?
- Progetto Microsoft **OPEN-SOURCE** (licenza MIT – Repo: <https://github.com/Microsoft/vscode>)

Visual Studio Code - Code Edit

Sicuro | <https://code.visualstudio.com>

Visual Studio Code Docs Updates Blog Community Extensions FAQ Search Docs Download

Version 1.17 is now available! Read about the new features and fixes from September.

Code editing. Redefined.

Free. Open source. Runs everywhere.

Download for Mac
Stable Build

		Stable	Insiders
macOS	Package	↓	↓
Windows x64 <small>32 bit versions</small>	Installer .zip	↓ ↓	↓ ↓
Linux x64 <small>32 bit versions</small>	.deb .rpm .tar.gz	↓ ↓ ↓	↓ ↓ ↓

EXTENSIONS

- @popular
- C# 1.2.2 356K ★★★★★
C# for Visual Studio Code (po...
Microsoft Install
- Python 0.3... 211K ★★★★★
Linting, Debugging (multi-thr...
Don Jayamanne Install
- Debugger for Chrome 148K
Debug your JavaScript code i...
Microsoft JS Diagnost... Install
- C/C++ 0.7.1 143K ★★★★★
Complete C/C++ language su...
Microsoft Install
- Go 0.6.39 99K ★★★★★
Rich Go language support for...
lukehoban Install
- ESLint 0.10.18 88K ★★★★★
Integrates ESLint into VS Code.
Dirk Baeumer Uninstall
- PowerShell ... 85K ★★★★★
Develop PowerShell scripts in...

```
1 import app from './app';
2 import debugModule = require('debug');
3 import http = require('http');
4
5 const debug = debugModule('node-express-typescript:server');
6
7 // Get port from environment and store in Express.
8 const port = normalizePort(process.env.PORT || '3000');
9 app.set('port', port);
10
11 // create CSSImportRule
12 const ser = export
13 server.li exports
14 server.on
15 server.on
16
17 /**
18  * Normal
19  */
20 port const port: number | string | boolean
21
22 function normalizePort(val: any): number|string|boolean {
23   let port = parseInt(val, 10);
24
25   if (isNaN(port)) {
26     // named pipe
27     return val;
28   }
29 }
```

IntelliSense Debugging Built-in Git Extensions

DOWNLOAD & DOCS: <https://code.visualstudio.com>

OUT OF THE BOX

F1 = Command Pallet
> Language "locale": "en-US"
Welcome
Interactive playground: Editor* +
Emmet

EDIT: HTML/JS/CSS + NODE.JS

Editing Page.html + JS (jQuery)
ext Auto Rename Tag + AutoFileName
ext Bootstrap 3 Snippets
Node.js server express + Debug

ANGULAR TODOMVC

Typescript intellisense + refactor
Code navigation + Preference keys
ext Angular Language Service
GIT Integration

.NET CORE WEBAPI

Integrate Terminal
ext C# support: Intellisense, CodeLens
Integrate Terminal (dotnet watch run)
Debug Attach to process

ALL IN ONE

C# TodoAPI Controller+ CORS
NG Refactor ApiService + Http
ext Debugger for Chrome Debugger
Debug Compounds: NG + .NET

PERSONALIZZAZIONI

F1 > PREFERENCES: ...

EXT: [HTTPS://MARKETPLACE.VISUALSTUDIO.COM/VSCODE](https://marketplace.visualstudio.com/vscode)

- F1 > Open **Keyboard Shortcut** (CTRL+F12=GoBack) + preset: **Keymaps** (VIM, Atom, Sublime, VS)

- F1 > Color **Theme & Icons** (VS Dark+, Cobalt, **Material Palenight** + VSCode Icons/Material Icons)

- F1 > Open User **Settings**:

- "editor.fontFamily": "Fira Code", "editor.fontSize": 14, "editor.fontLigatures": true,

- "editor.codeLens": true, "typescript.referencesCodeLens.enabled": true,

- "editor.minimap.enabled": false, "workbench.editor.showTabs": false,

- "emmet.includeLanguages": { "javascript": "javascriptreact" },

- "editor.formatOnSave": true, "prettier.singleQuote": false,
"prettier.tabWidth": 4, "prettier.printWidth": 140

- F1 > **ext install** Advanced New File, Auto Rename Tag, AutoFilename, Move TS, Rainbow Brackets

Angular Language Service, C#, Debugger for Chrome, Docker, Prettier, Vetur, **Settings Sync!**

- Ripristino "Icona Blu" <https://gist.github.com/guilhermepontes/8e20b3394b3d6931849bbd0b64cdd8e4>

RECAP FUNZIONALITA'

- Cross-Platform
- Lightweight
- Editor evoluto
- Terminal integrato
- Debug integrato
- SCM GIT o altri integrato
- Gestione diversi linguaggi
Intellisense, navig.+ refactor
- Ricco ecosistema estensioni
- Totalmente personalizzabile



RIFERIMENTI

- Welcome + Interactive playground + Intro Videos (**F1 > Welcome**)
- CheatSheet Keyboard Reference <https://code.visualstudio.com/docs/getstarted/keybindings>
- Documentazione ufficiale: <https://code.visualstudio.com/docs>
- Sito ufficiale Tips&Tricks: <https://github.com/Microsoft/vscode-tips-and-tricks>
- Sito guide per configurare Debug: <https://github.com/Microsoft/vscode-recipes>
- Sito video features principali: <http://www.vscodewhat.com>
- Un-official VS Code su Raspberry, ChromiumOS e altre platform: <https://code.headmelted.com>

CURIOSITA':

VS Code è una applicazione [Electron](#) interamente scritta con tecnologie WEB in [Typescript](#) + [Node.js](#) il codice sorgente è Open-Source "MIT License" e disponibile su <https://github.com/Microsoft/vscode>

- Progetto MONACO Editor: <https://microsoft.github.io/monaco-editor/>
- Esempio IDE interamente su browser basato su VSCode: <https://stackblitz.com>

CONTATTI



DEMO e SLIDES:

<https://github.com/dmorosinotto/VSSaturday2017>

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 [dmorosinotto](https://github.com/dmorosinotto)

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