Visual Studio

saturday 2017

COME ESSERE PRODUTTIVI CON VS CODE

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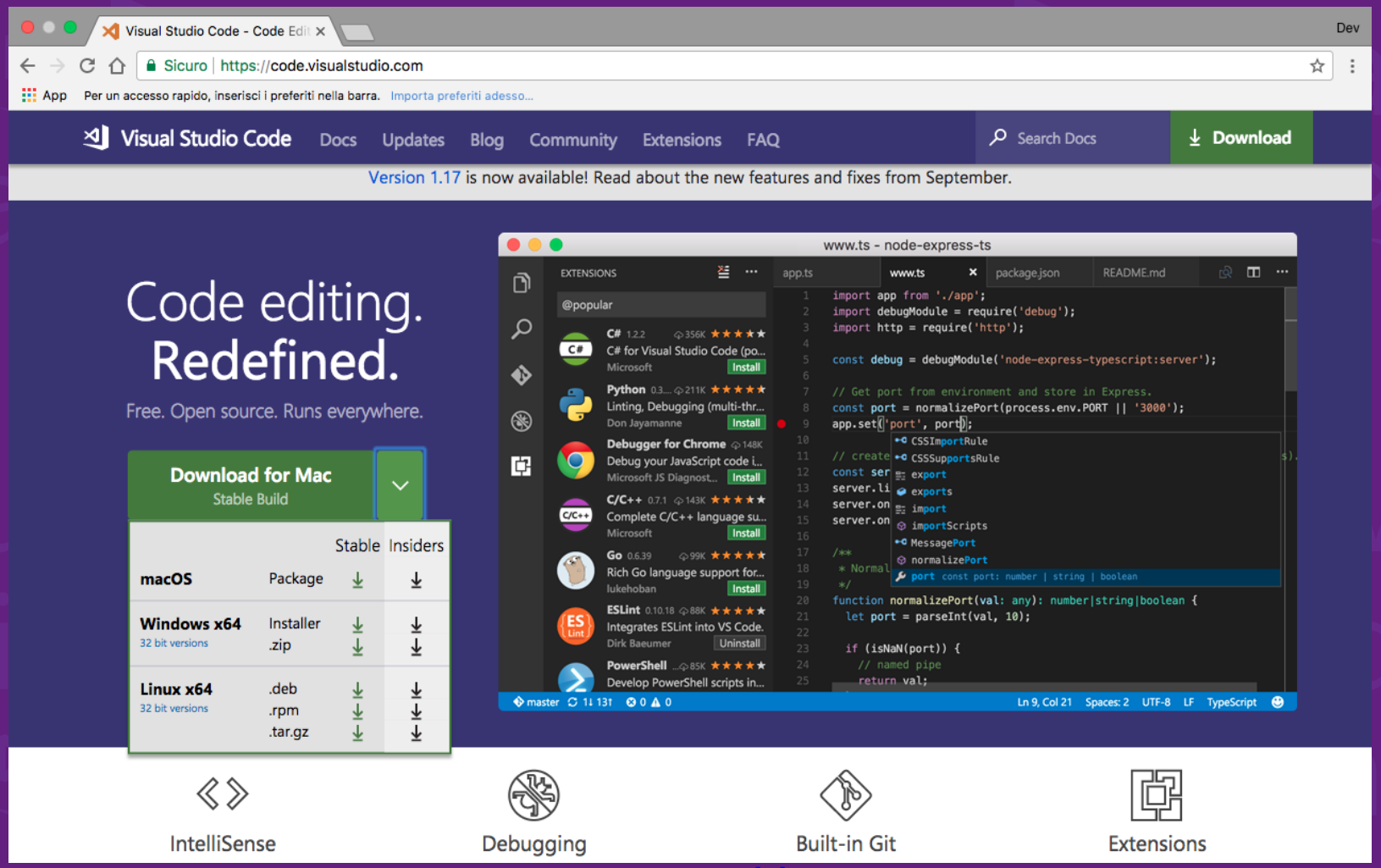
COS'E' VISUAL STUDIO CODE

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)



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 intellisence + 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 Debuger
Debug Compounds: NG + .NET

PERSONALIZZAZIONE:

F1 > PREFERENCES: …
EXT: 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!**

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.vscodecandothat.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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