

Formation Git : Installations

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Pour Formation

Date 23/09/2024

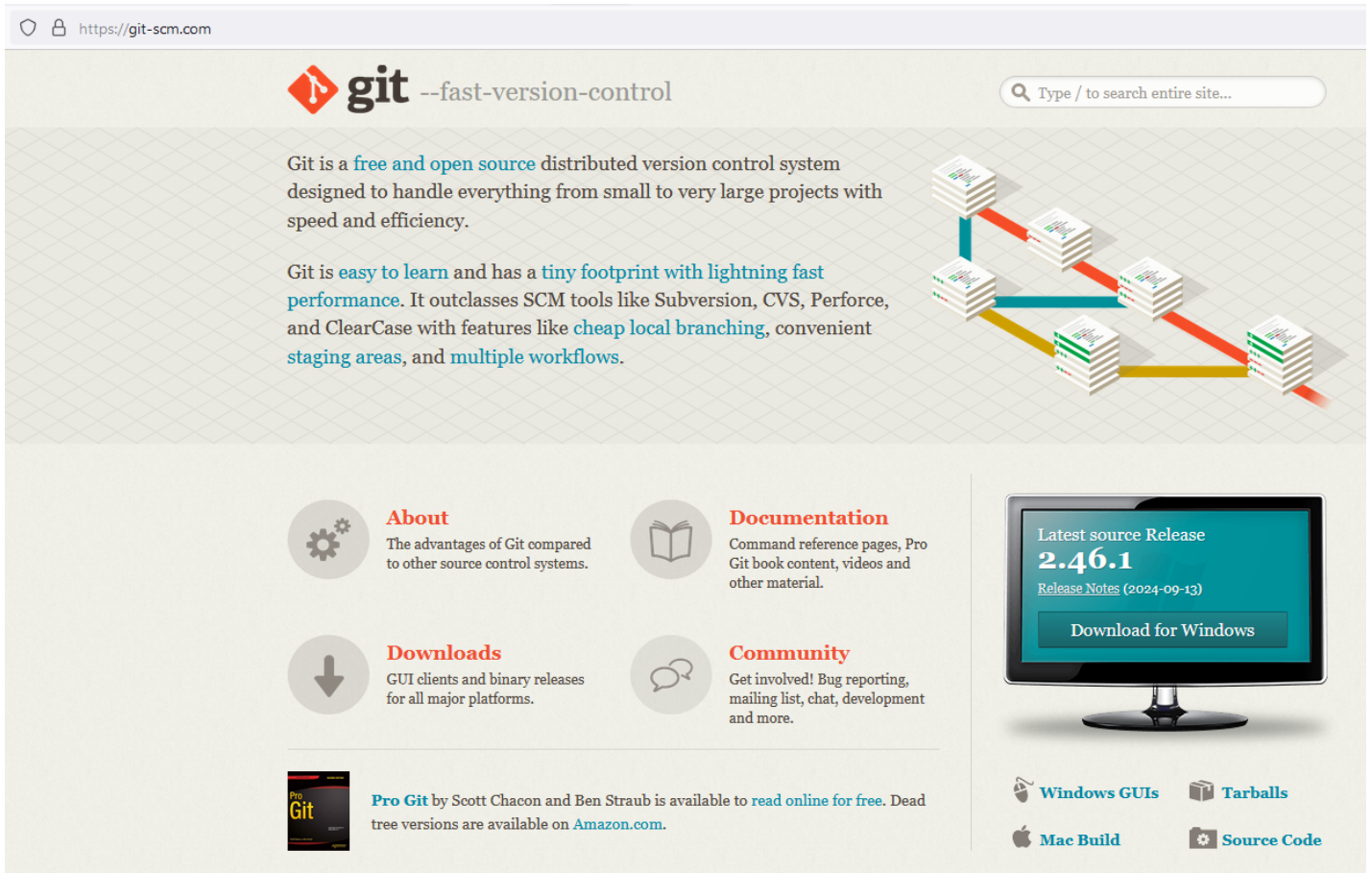
Objet Formation Git : installations

I)	Installation de la plateforme.....	3
1.	Git Visual Studio Code.....	3
2.	Visual Studio Code	6

I) Installation de la plateforme

1. Git Visual Studio Code

Se rendre sur le site officiel de Git <https://git-scm.com/>




The screenshot shows the Git website homepage. At the top, there is a navigation bar with the Git logo and the tagline "--fast-version-control". A search bar is located on the right. The main content area features a large heading "git --fast-version-control" and a search bar. Below this, there is a paragraph describing Git as a free and open source distributed version control system. To the right, there is a diagram illustrating a branching strategy with multiple stacks of code blocks connected by colored lines. Below the main text, there are four sections: "About", "Documentation", "Downloads", and "Community", each with an icon and a brief description. On the right side, there is a large monitor displaying the latest source release "2.46.1" and a "Download for Windows" button. At the bottom, there are icons for "Windows GUIs", "Mac Build", "Tarballs", and "Source Code".



This is a close-up view of the "Latest source Release" section of the Git website. It features a large monitor displaying the text "Latest source Release 2.46.1" and "Release Notes (2024-09-13)". Below the monitor, there is a prominent "Download for Windows" button. At the bottom of the image, there are four icons with corresponding text: "Windows GUIs", "Mac Build", "Tarballs", and "Source Code".

https://git-scm.com/download/win



git --fast-version-control

Type / to search entire site...

About

Documentation

Downloads

- GUI Clients
- Logos

Community

The entire **Pro Git book** written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Download for Windows

[Click here to download](#) the latest (2.46.1) 64-bit version of Git for Windows. This is the most recent maintained build. It was released 4 days ago, on 2024-09-18.

Other Git for Windows downloads

Standalone Installer

- [32-bit Git for Windows Setup.](#)
- [64-bit Git for Windows Setup.](#)

Portable ("thumbdrive edition")

- [32-bit Git for Windows Portable.](#)
- [64-bit Git for Windows Portable.](#)

Using winget tool

Install [winget tool](#) if you don't already have it, then type this command in command prompt or Powershell.

```
winget install --id Git.Git -e --source winget
```

The current source code release is version 2.46.1. If you want the newer version, you can build it from [the source code](#).

Le clic sur **64-bit Git for Windows Setup** nous renvoie vers <https://github.com/git-for-windows/git/releases/download/v2.46.1.windows.1/Git-2.46.1-64-bit.exe>

Git 2.46.1 Setup

Information

Please read the following important information before continuing.

When you are ready to continue with Setup, click Next.

GNU General Public License

Version 2, June 1991

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Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change

<https://gitforwindows.org/>

Completing the Git Setup Wizard

Setup has finished installing Git on your computer. The application may be launched by selecting the installed shortcuts.



Click Finish to exit Setup.

- Launch Git Bash
- View Release Notes

2. Visual Studio Code

Se rendre sur le site <https://code.visualstudio.com/>

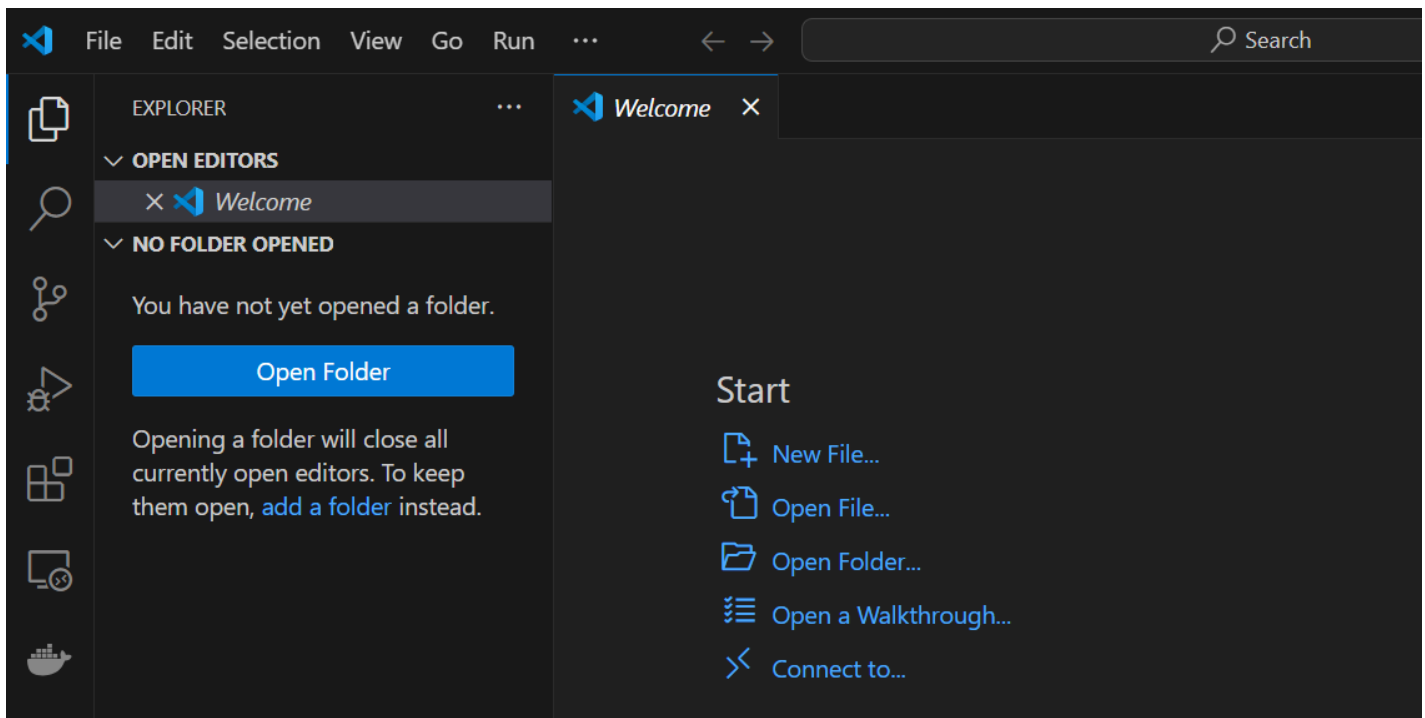
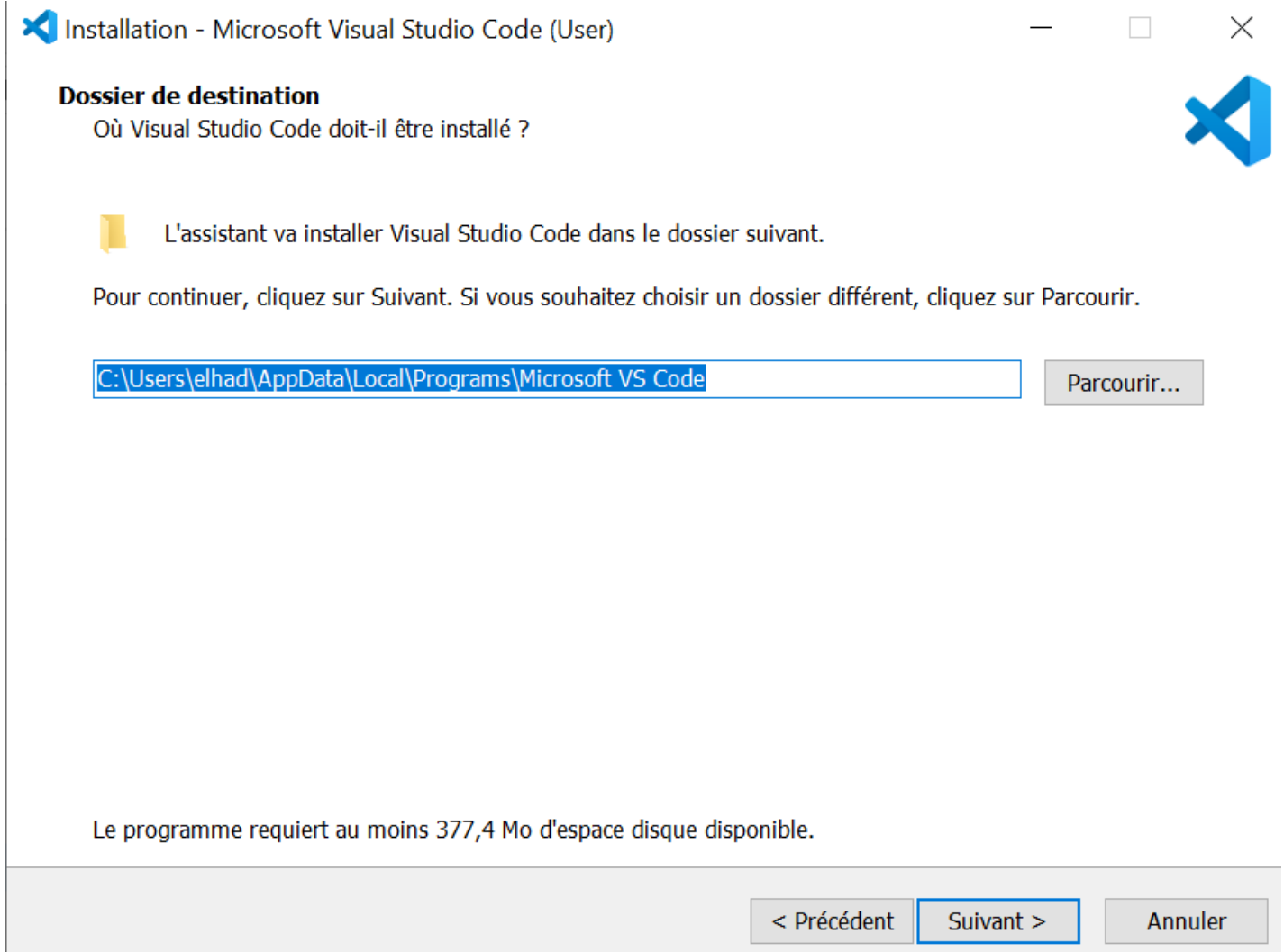
The image shows a screenshot of the Visual Studio Code website and a code editor interface. The website header includes the Visual Studio Code logo, navigation links (Docs, Updates, Blog, API, Extensions, FAQ), a search bar, and a 'Download' button. A cookie consent banner is visible at the top. The main content area features the text 'Code Editing. Redefined.' and a 'Download for Windows' button. Below this, there are links for 'Web, Insiders edition, or other platforms' and a note about agreeing to the license and privacy statement.

The code editor interface shows a file explorer on the left with a project structure for 'MY-APP'. The main editor area displays a TypeScript file named 'button.ts' with the following code:

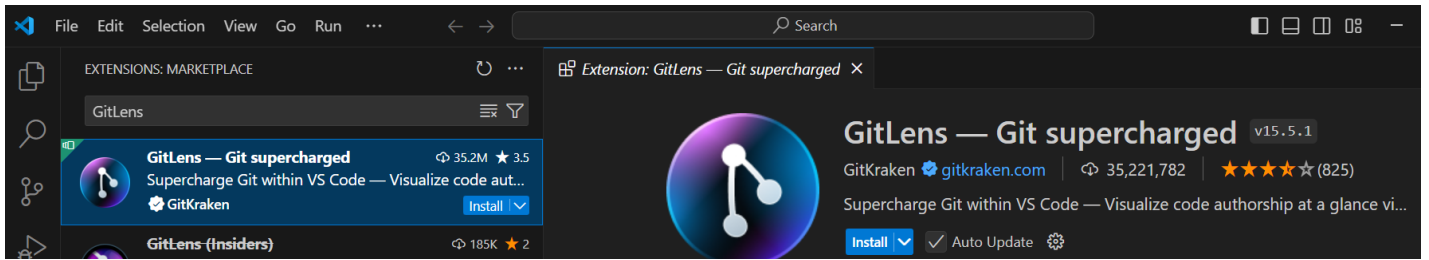
```
1 interface ButtonProps {
2   onClick: () => void;
3   text: string;
4 }
5
6 const Button: React.FC<ButtonProps> = ({ onClick, text }) => {
7   return <button onClick={onClick}>{text}</button>;
8 };
9
10 export default Button;
```

The editor also shows a terminal window at the bottom with the following output:

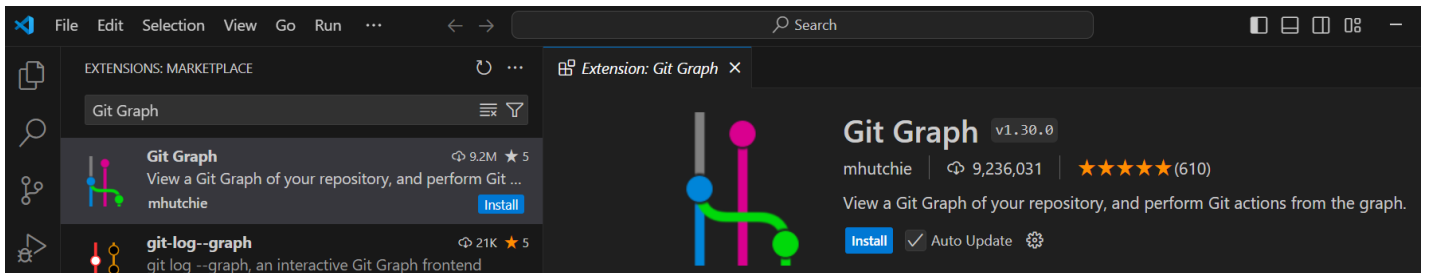
```
[09:44:50] [monaco.d.ts] Starting monaco.d.ts generation
[09:44:56] [monaco.d.ts] Finished monaco.d.ts generation
[09:44:56] Finished compilation with 557 errors after 80542 ms
```



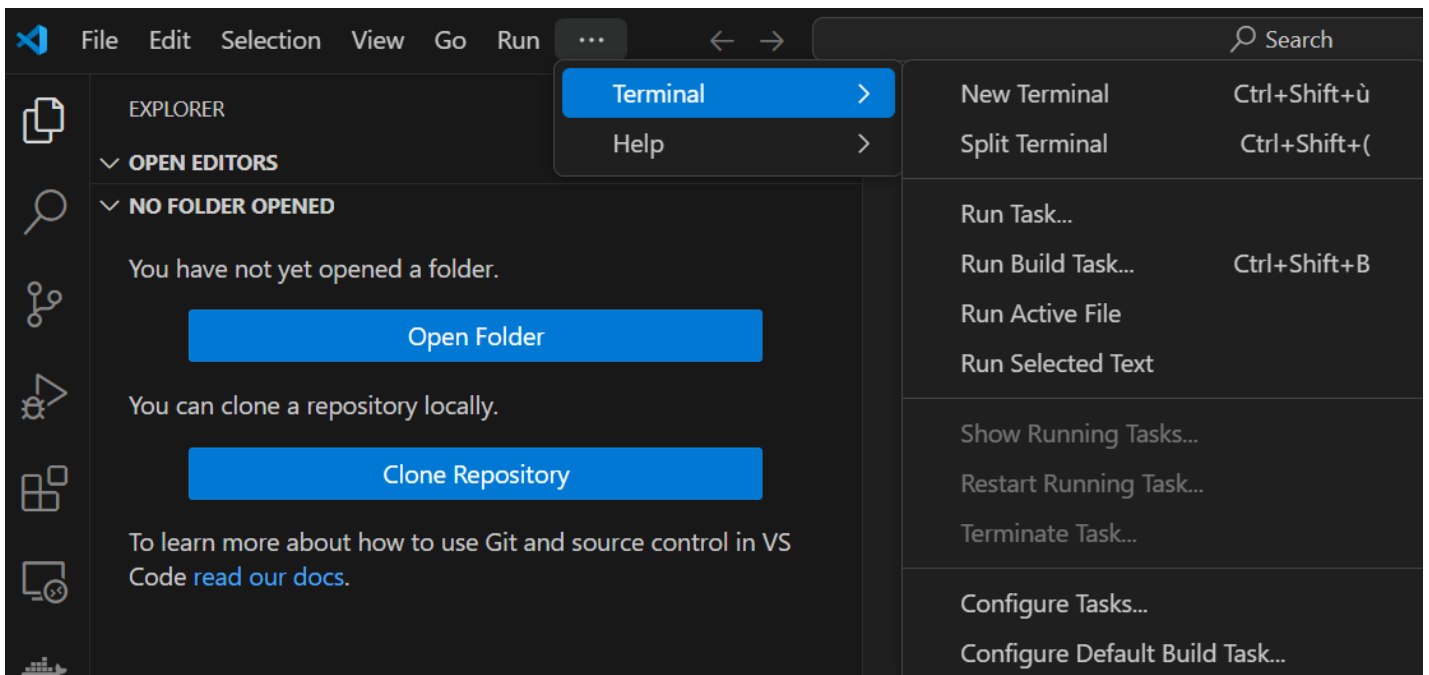
Une fois que l'installation de visual studio est termin e alors installer l'extension **GitLens** :



installer aussi l'extension **Git Graph** :

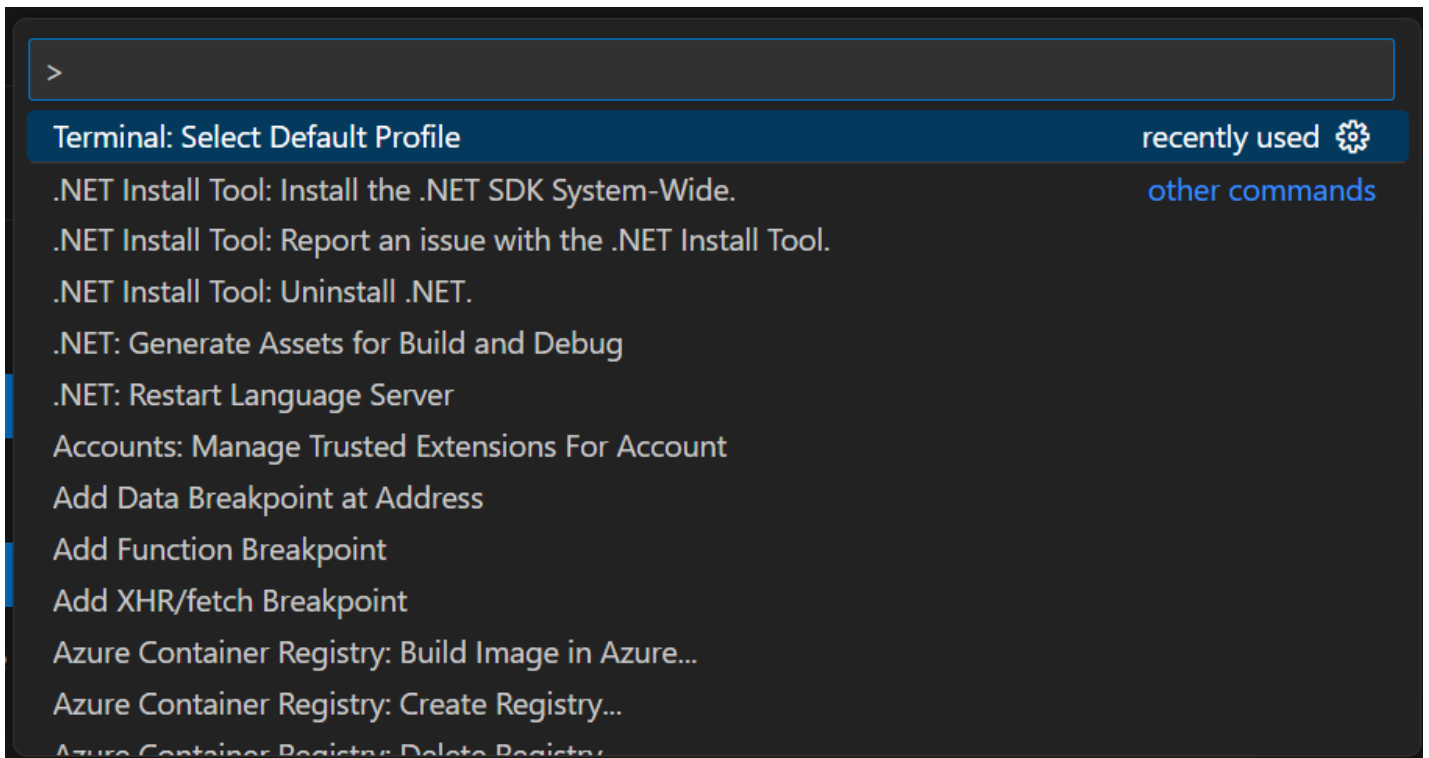


Nous allons maintenant configurer notre bash Windows :

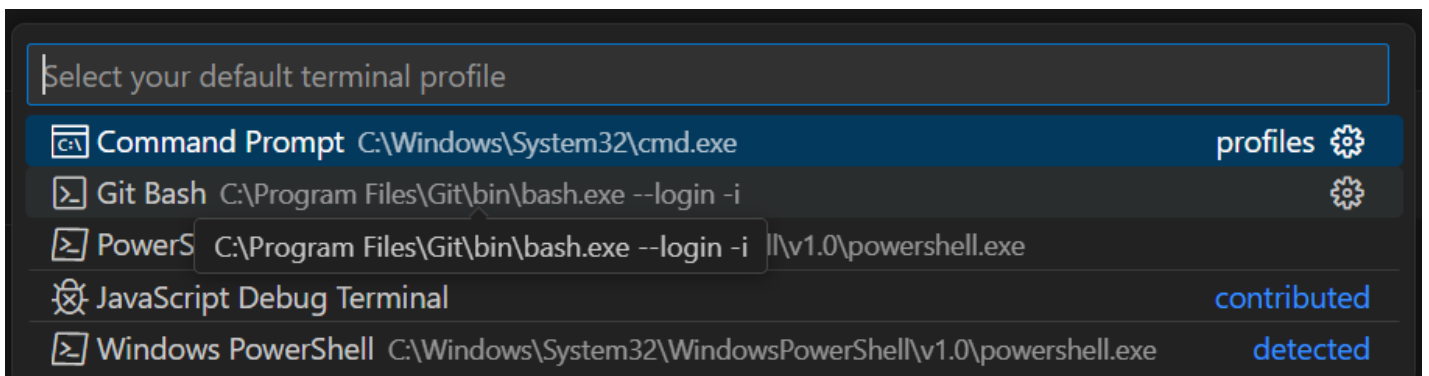


Charger la console **Git Bash** à la place de **Powershell**.

Taper **Ctrl+Shift+P** sur visual studio code pour obtenir :



Mettre dans la section recherche « **Select Default Profile** »



Selectionner **Git Bash**.

Fermer et Relancer Visual Studio Code et verifier bien que par défaut Git Bash est votre terminal par défaut.

