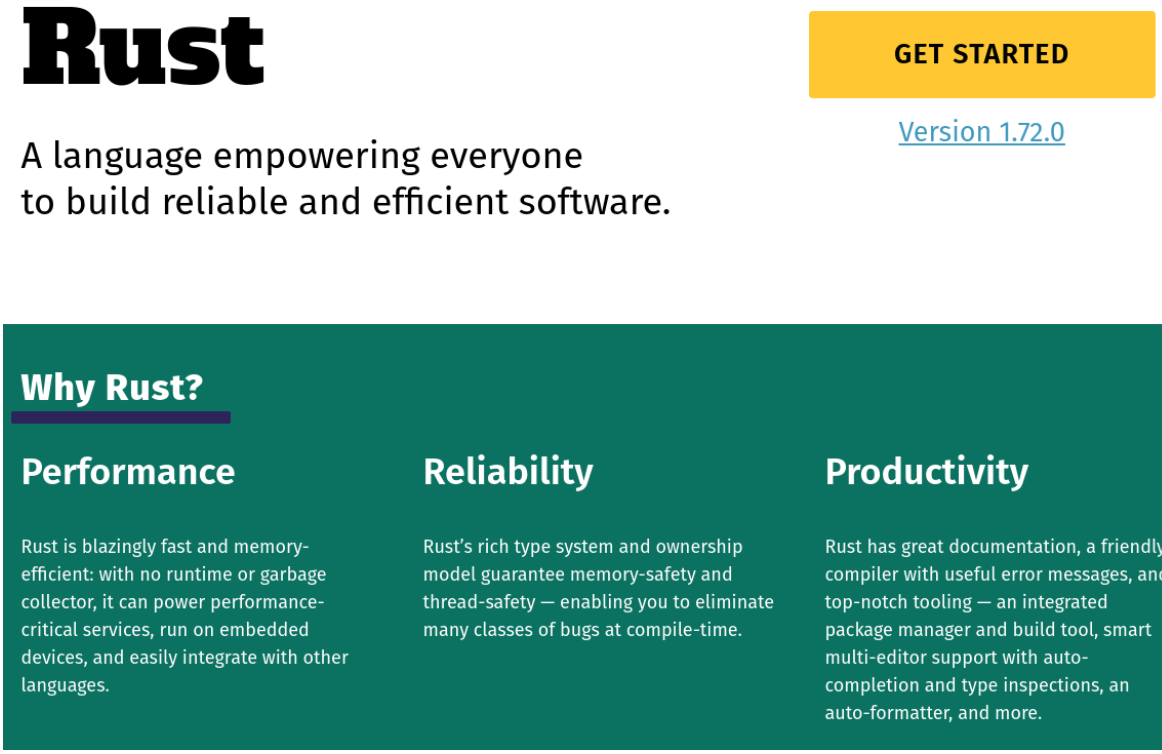
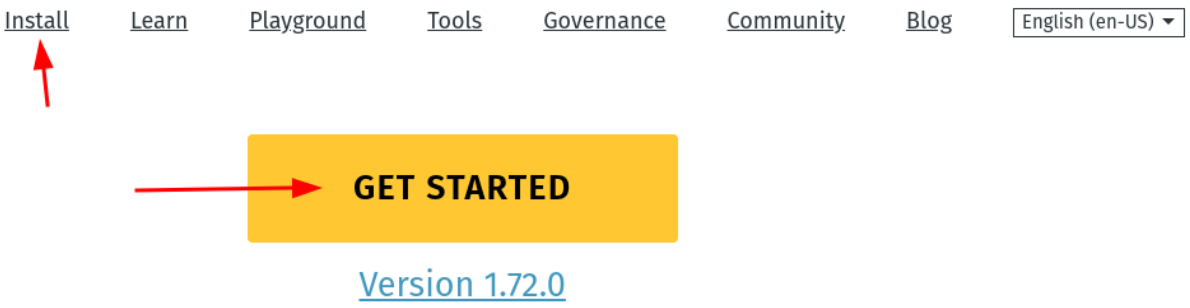
1. 打开 Rust 官网

Rust Programming Language: https://www.rust-lang.org



2. 点击 Install 或 Get Started

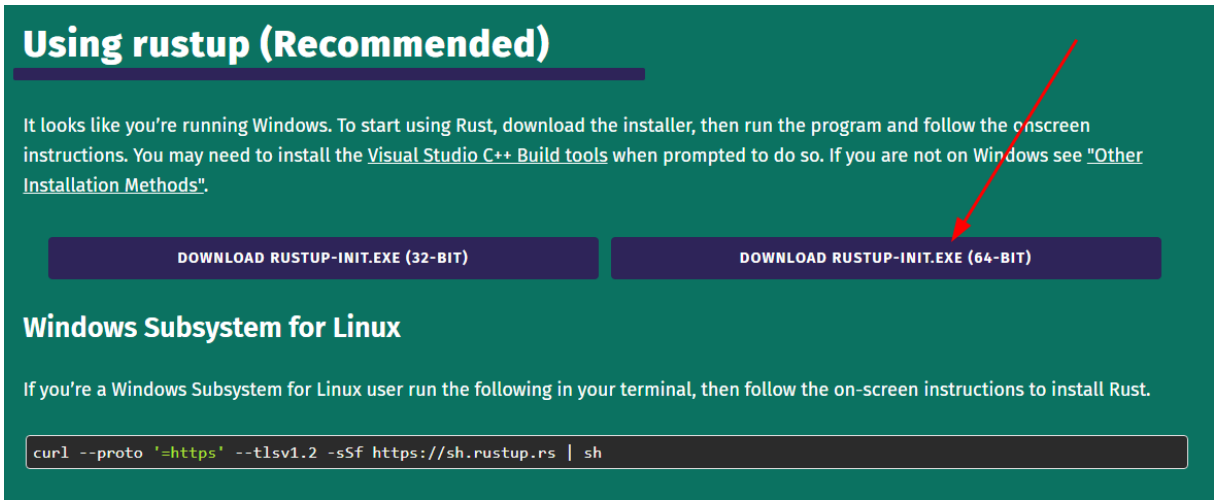


3. Linux 安装

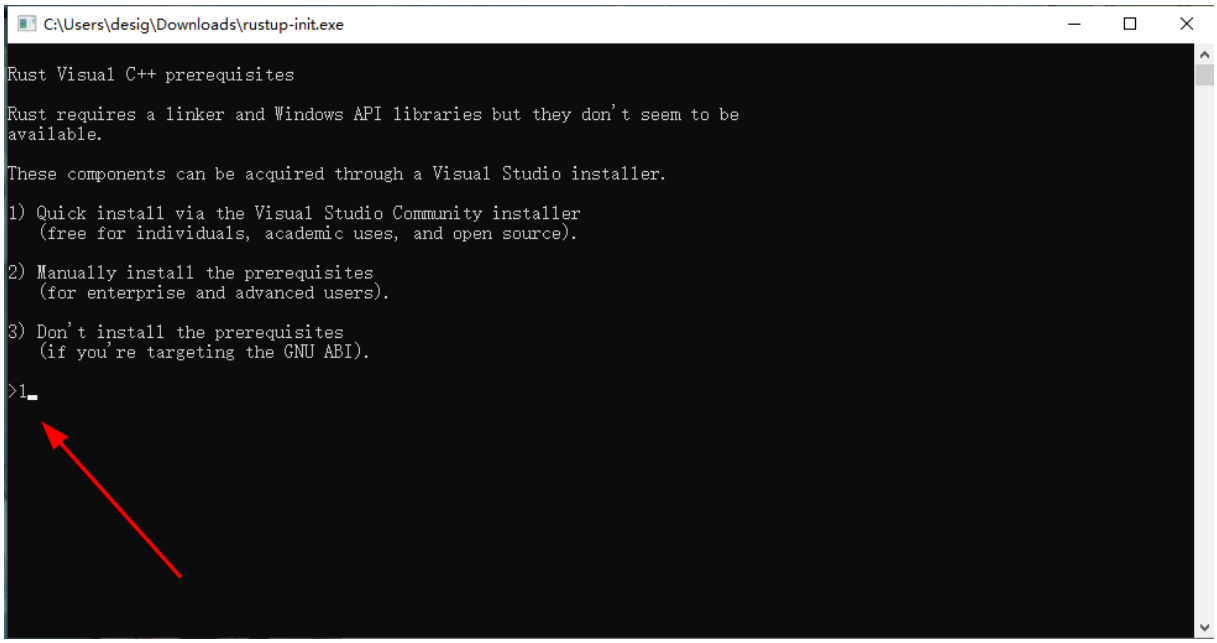
```
curl --proto '=https' --tlsv1.2 -sSf https://sh.rustup.rs | sh
```

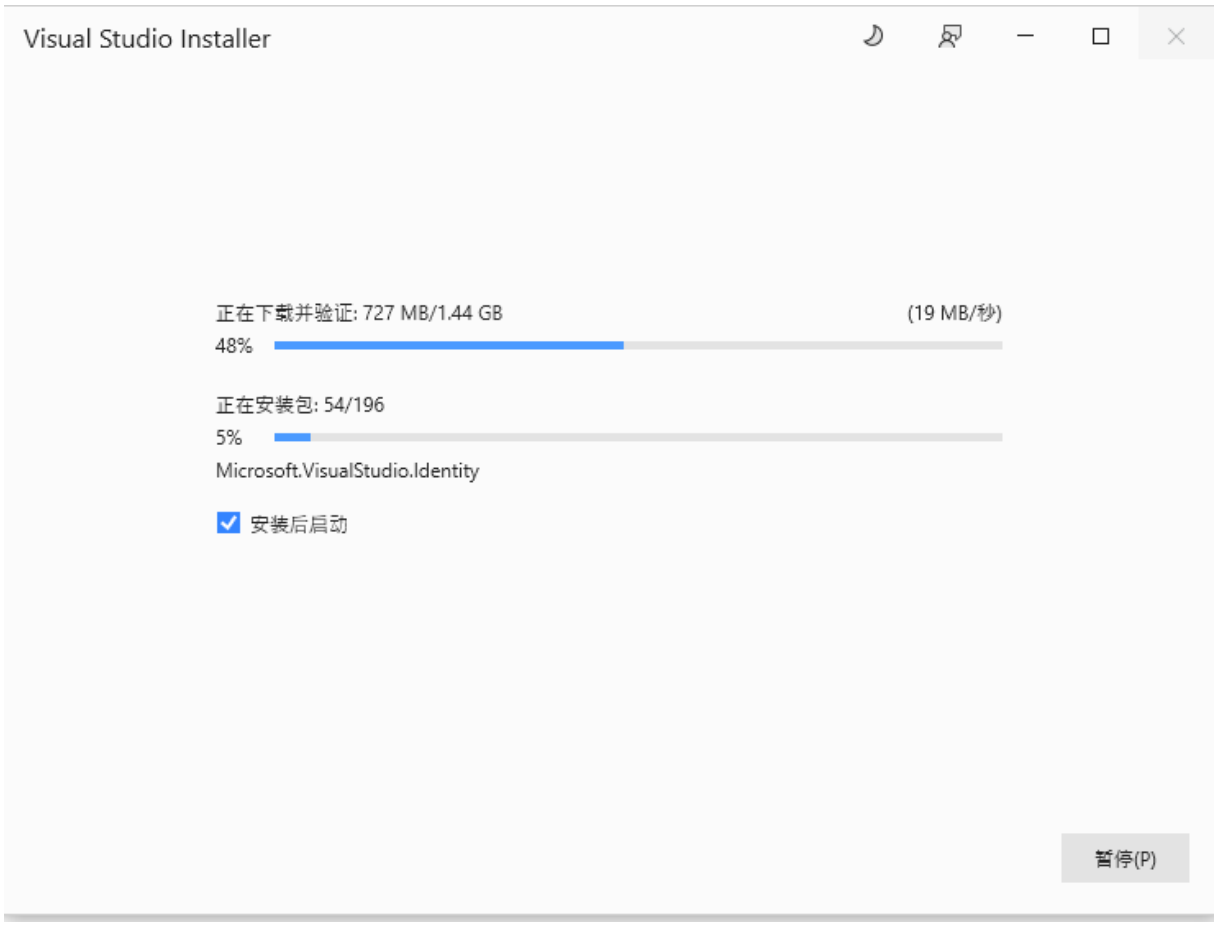
4. Windows 安装

4.1. 下载安装包

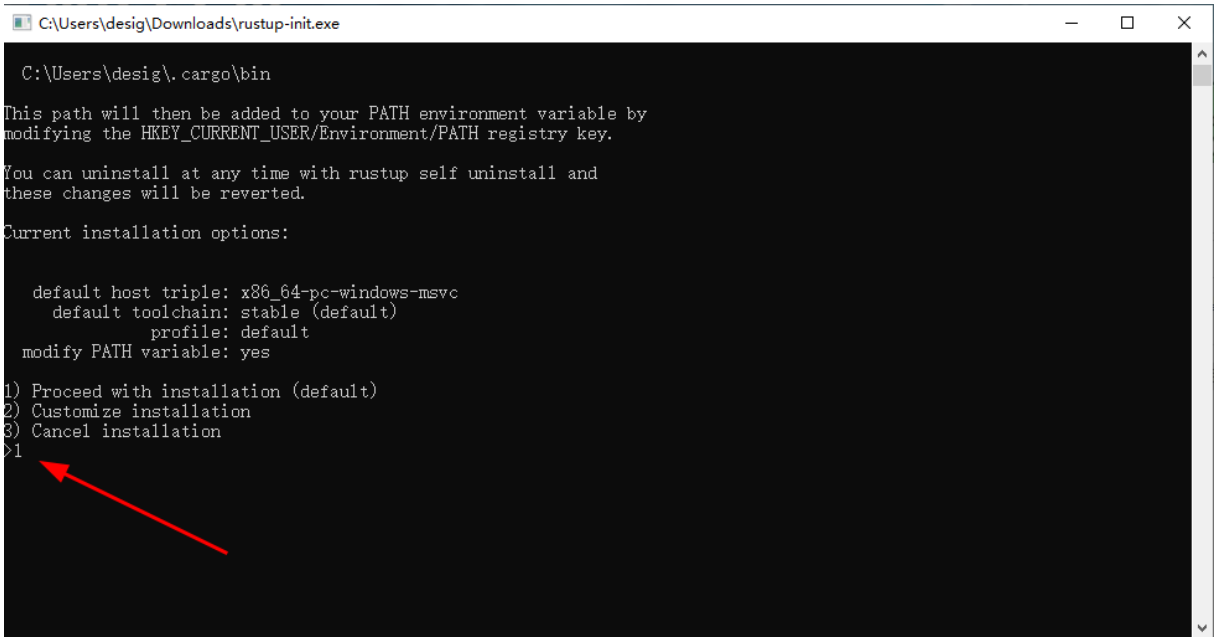


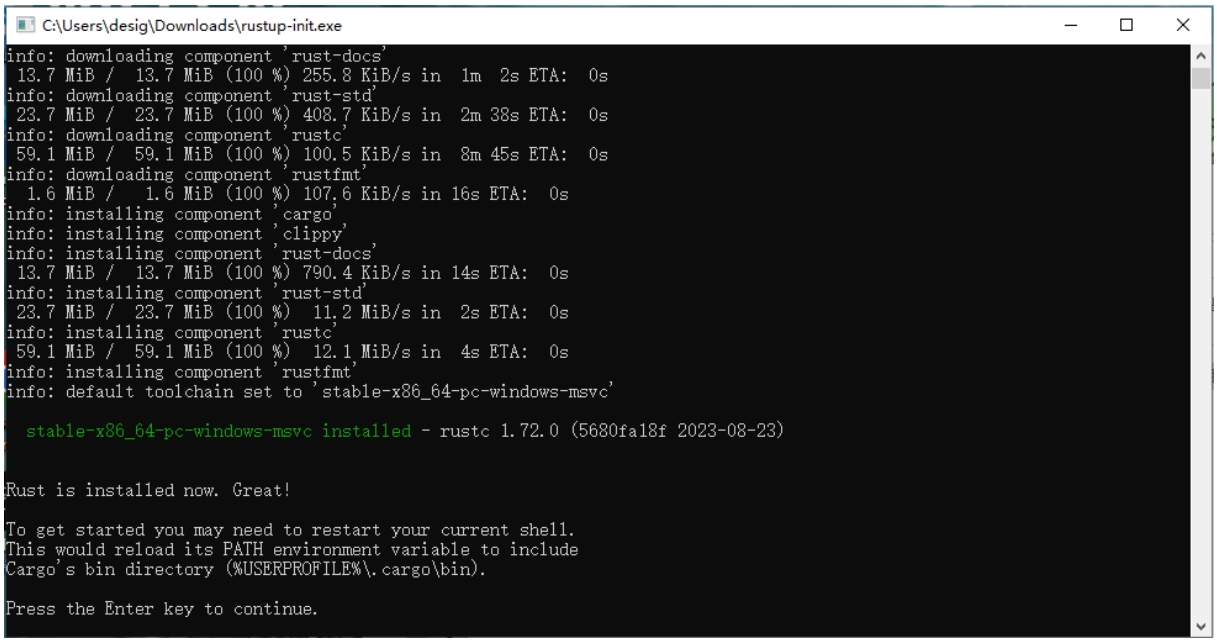
4.2. 安装 Visual Studio（需重启）




Visual Studio Installer
正在下载并验证: 727 MB/1.44 GB
(19 MB/秒)
48%
正在安装包: 54/196
5%
Microsoft.VisualStudio.Identity
安装后启动
暂停(P)

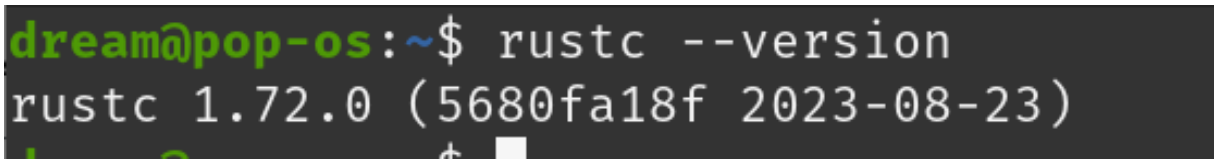
5. 安装 Rust 工具链


C:\Users\desig\Downloads\rustup-init.exe
C:\Users\desig\.cargo\bin
This path will then be added to your PATH environment variable by
modifying the HKEY_CURRENT_USER/Environment/PATH registry key.
You can uninstall at any time with rustup self uninstall and
these changes will be reverted.
Current installation options:
default host triple: x86_64-pc-windows-msvc
default toolchain: stable (default)
profile: default
modify PATH variable: yes
1) Proceed with installation (default)
2) Customize installation
3) Cancel installation
>1



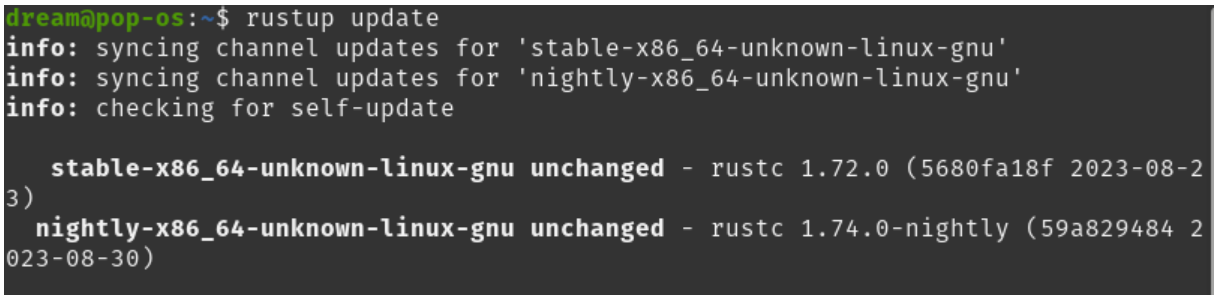
6. 检查是否安装成功

```
rustc --version
```

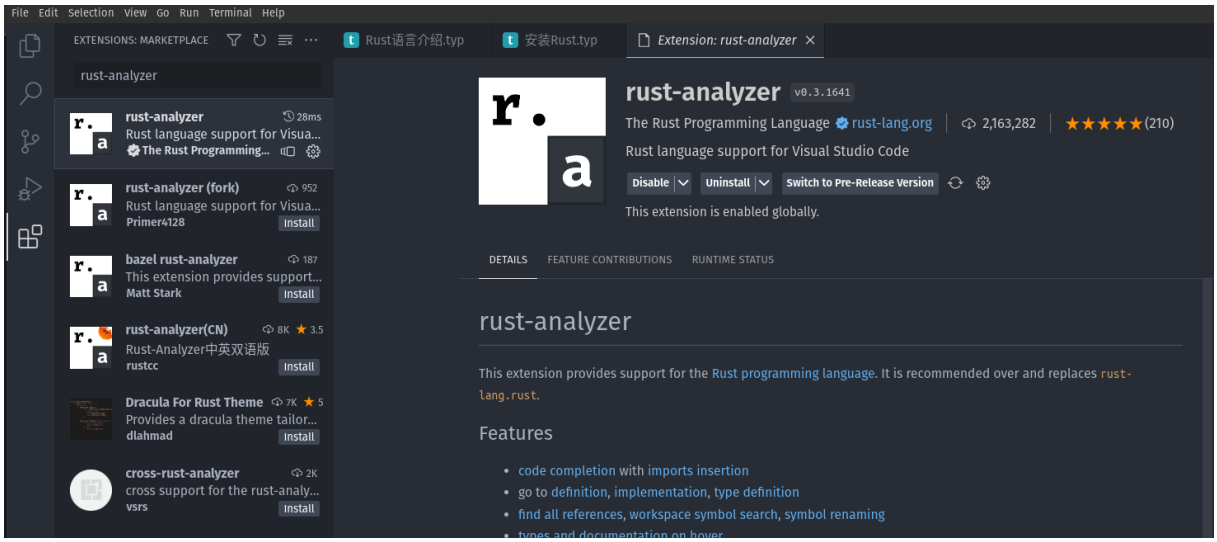


7. 更新 Rust 工具链

```
rustup update
```



8. 安装 VS Code 的 Rust 插件 rust-analyzer



9. 其它 VS Code 插件

Figure 1: toml 语法高亮，代码提示

Figure 2: Rust 依赖管理

Figure 3: 高亮错误、警告

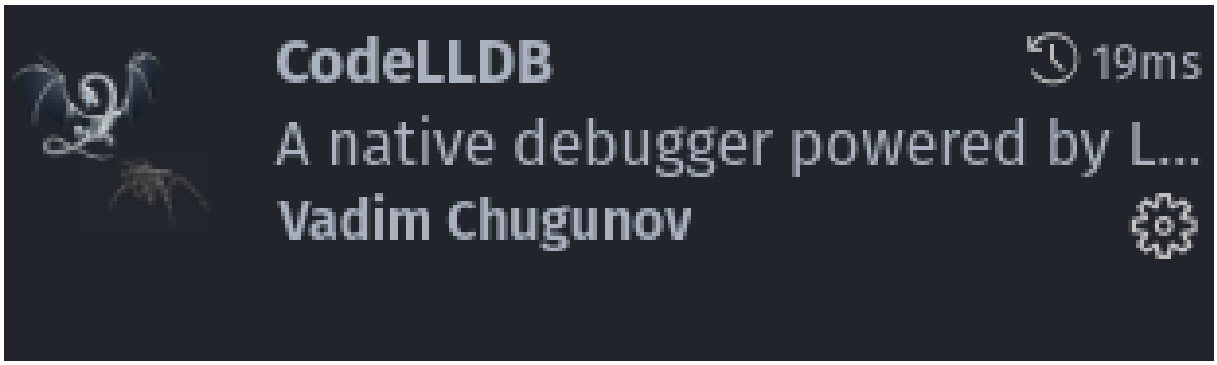


Figure 4: 调试代码插件