

VS Code

This article describes the installation and basic configuration for Microsoft Visual Studio Code including Python and OpenAI Codex support.

```
sudo apt-get install wget gpg && wget -q0-  
https://packages.microsoft.com/keys/microsoft.asc | gpg --dearmor >  
microsoft.gpg && sudo install -D -o root -g root -m 644 microsoft.gpg  
/usr/share/keyrings/microsoft.gpg && rm -f microsoft.gpg  
  
sudo tee /etc/apt/sources.list.d/vscode.sources &>/dev/null <<EOF  
Types: deb  
URIs: https://packages.microsoft.com/repos/code  
Suites: stable  
Components: main  
Architectures: amd64,arm64,armhf  
Signed-By: /usr/share/keyrings/microsoft.gpg  
EOF  
  
sudo apt install apt-transport-https && sudo apt update && sudo apt install  
code  
sudo apt-get install gvfs libglib2.0-bin  
  
sudo tee -a /etc/sysctl.conf &>/dev/null <<EOF  
fs.inotify.max_user_watches=524288  
EOF  
  
sudo sysctl -p
```

Disable the internal AI features and telemetry:

- Settings → Chat → Disable AI Features
- Settings → telemetry.telemetryLevel → Off
- Settings → application → update → update:mode → None (as updated through apt)

Marketplace addons/plugins/extensions:

- install “openai codex”, “git graph” and “python”
- SQLite Viewer & SQLite
<https://marketplace.visualstudio.com/items?itemName=alexcvzz.vscode-sqlite> (sudo apt install sqlite3)
- move codex icon to right sidebar

Keyboard shortcut changes (CTRL+K CTRL+S):

- Copy Line Down → CTRL + D

Note: To authenticate the ChatGPT/Codex plugin within VS Code Server docker image, the following needs to be done on the docker main system. The codex binary is in the plugin version's directory and vscode runs under user abc. For this to work, the device auth needs to be enabled in chatgpt codex

security settings:

```
docker exec -it -u abc vscode sh -lc '
CODEX_BIN="$(find /config/extensions -path "*/bin/linux-x86_64/codex" | head
-n1)"
"$CODEX_BIN" login --device-auth
'
```

Codex Rate Limit Plugin

<https://marketplace.visualstudio.com/items?itemName=xiangz19.codex-ratelimit> install from top toolbar:

```
ext install xiangz19.codex-ratelimit
```

Set refresh to 60 seconds. Default is 10 seconds.

Persistent Conf

Open Command Palette: Ctrl+Shift+P then: Preferences: Open User Settings (JSON) and paste the settings below.

```
{
  "window.restoreWindows": "preserve",
  "chat.restoreLastPanelSession": true,
  "terminal.integrated.persistentSessionReviveProcess":
"onExitAndWindowClose",
  "files.hotExit": "onExitAndWindowClose",
  "workbench.editor.restoreViewState": true,
  "terminal.integrated.enablePersistentSessions": true,
  "workbench.colorTheme": "Dark 2026",
}
```

For vsodium-web, to restore project windows/open files etc, link to the exact project file like:

<https://vsodium-web.example.com/?workspace=/src/projects/something.code-workspace>

SFTP extension for remote up/download of files:

<https://marketplace.visualstudio.com/items?itemName=Natizyskunk.sftp> example config:

```
{
  "name": "remote-name",
  "host": "remote-hostname",
  "protocol": "sftp",
  "port": 22,
  "username": "root",
  "privateKeyPath": "/home/user/.ssh/id_rsa",
  "remotePath": "/var/www/htdocs",
}
```

```
"uploadOnSave": false,  
"useTempFile": false,  
"openSsh": false  
}
```

Claude Code History

Claude Code local sessions are stored in `~/.claude/projects` in directories with the absolute path of the project with forward slashes replaced with `"-"`. Whenever a project folder gets moved/renamed, the respective claude project directory needs to be renamed as well to retain the session history.

Claude Code Remote Control

Remote control of VSCode sessions can be activated by entering the following into the claude session:

```
/remote-control  
  
or  
  
/remote-control My Project Name
```

Push notifications for the claude app (does not work in browser) can be set using:

```
/config agentPushNotifEnabled=true  
/config inputNeededNotifEnabled=true  
/config remoteControl=true
```

Then login via claude.ai/code on mobile or browser or claude app on different device.

Claude code bypass permission mode

To bypass all permission requests (dangerous!) in vscode, the following setting needs to be adjusted: settings → search for claude code → enable bypass permissions mode (dangerous) and set default to bypass permissions mode. set ask before edits/edit automatically to bypass permissions in the chat interface. may need reload of the whole chat session to activate.

Once activated, in the chat, shift+tab can be used to scroll through edit type options

<https://www.youtube.com/watch?v=86HM0RUWhCk&t=740s>

Note: Bypass permission mode does NOT work when remote-controlling sessions. Every instruction via a remote-controlled session changes the permission mode to the available setting from the external device and will prompt. Bypass permissions only works through the vscode extension chat.

From:

<http://wuff.dyndns.org/> - **Wulf's Various Things**

Permanent link:

<http://wuff.dyndns.org/doku.php?id=config:vscode&rev=1785844279>

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