

Setting Up & Using the VS Code Terminal for HashCats Development

1. Opening the VS Code Terminal

Method 1: Using the Menu

1. Open **VS Code**.
2. Click **View** → **Terminal** in the top menu.
3. The terminal will appear at the bottom of your VS Code window.

Method 2: Using a Keyboard Shortcut

- **Windows/Linux:** Press **CTRL + ~** (tilde key, next to **1** on most keyboards).
 - **Mac:** Press **CMD + J** (or **CMD + ~**).
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2. Setting PowerShell as the Default Terminal (Optional)

If you prefer PowerShell, you can set it as the default in VS Code.

1. Open **VS Code**.
2. Open the **command palette** with **CTRL + SHIFT + P**.

Type:

Select Default Profile

- 3.
 4. Choose **PowerShell** from the list.
 5. Open a new terminal (**CTRL + ~**), and it will now always open in PowerShell.
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3. Navigating to the HashCats Project in VS Code Terminal

Once the terminal is open, navigate to your project directory:

```
cd D:\xampp\htdocs\my-headless-wp\frontend
```

- This ensures you're working in the correct **React frontend directory**.

To verify your setup, run:

```
npm -v
```

If successful, it will return a version number (e.g., `10.2.3`).

4. Running Development Commands in VS Code Terminal

Starting the React Development Server

```
npm start
```

- Opens `http://localhost:3000/` in your browser.

Stopping the Server

Press `CTRL + C` and type `Y` if prompted.

Installing New Packages

```
npm install package-name
```

Checking for Errors in Your Code

```
npm run lint
```

Building for Production

```
npm run build
```

5. Switching Between Terminal Types (Optional)

If you need to switch between PowerShell, Command Prompt, or Git Bash:

1. Open the **VS Code Terminal** (`CTRL + ~`).
2. Click the **dropdown arrow (▼)** next to the **+** icon in the terminal tab.
3. Select **PowerShell, Command Prompt, or Git Bash**.

6. Common Troubleshooting

Issue: **npm** Command Not Found

Ensure **Node.js** is installed by running:
node -v

- If it's not installed, download and install it from nodejs.org.

Issue: **CTRL + ~** Doesn't Open the Terminal

- Try **CTRL + SHIFT + P**, then type **Toggle Terminal**.

Issue: Permission Errors When Running Commands

- Try running VS Code as an **Administrator**.
 - **Windows:** Right-click the VS Code icon → **Run as Administrator**.

Now you're all set to use the VS Code terminal for HashCats development! 🚀