

1. Google chrome

Open a terminal and use the following commands to install Google Chrome on Debian based Linux distributions, such as [Ubuntu](#), [Debian](#), [Kali](#), and [Linux Mint](#).

```
$ wget https://dl.google.com/linux/direct/google-chrome-stable_current_amd64.deb
```

```
$ sudo apt install ./google-chrome-stable_current_amd64.deb
```

Installing Chrome will also add the repository to your package manager. Use the following command to keep Chrome up to date on your system.

```
$ sudo apt install google-chrome-stable
```

2. Chrome settings

- **Enable Experimental Web Platform Features**
 - Sometimes, enabling experimental features can help. To do this:
 - Type `chrome://flags` in the address bar and press Enter.
 - Search for “Experimental Web Platform features”.
 - Enable it and restart Chrome.

- **Check USB Permissions**

Make sure Chrome has permission to access USB devices:

Go to **chrome://settings/content/usbDevices**.

Ensure that the “Ask when a site wants to connect to a USB device” option is enabled.

3. Terminal udev rules

- **Create/Edit the udev Rules File:**Run the following command to open the nano text editor with the udev rules file:

```
sudo nano /etc/udev/rules.d/99-microbit.rules
```

If the file doesn't exist, this command will create it.

- **Add the udev Rule:**In the nano editor, add the following line:
 - `SUBSYSTEM=="usb", ATTR{idVendor}=="0d28", ATTR{idProduct}=="0204", MODE=="0666"`
This line sets the permissions for the micro:bit device.

- **Save and Exit:** Press `Ctrl + O` to save the file.
Press `Enter` to confirm the file name.
Press `Ctrl + X` to exit the nano editor.
- **Reload udev Rules:** Run the following commands to reload the udev rules and apply the changes:
`sudo udevadm control --reload-rules`
`sudo udevadm trigger`
- **Reconnect Your micro:bit:** Disconnect and reconnect your micro:bit to ensure the new rules take effect.