Epson V500 Scanner

Download the driver package from here:
http://support.epson.net/linux/en/iscan.php?model=gt-x770&version=2.30.4

```
wget
http://support.epson.net/linux/en/iscan.php?model=gt-x770&version=2.30.4
tar -xvzf iscan-gt-x770-bundle-2.30.4.x64.deb.tar.gz
cd iscan-gt-x770-bundle-2.30.4.x64.deb
sudo ./install.sh
```

The following may be required on Ubuntu based system (rather than Debian) to move the scanner drivers in the correct directory

```
sudo cp /usr/lib/sane/* /usr/lib/x86_64-linux-gnu/sane/
sudo cp /usr/lib/x86_64-linux-gnu/sane/* /usr/lib/sane/
```

iscan needs to be started as root:

```
sudo iscan
```

To let users access the device which changes bus and device each time it is started, add a udev rule based on the manufacturer and device code. It's the ID 04b8:0130 but where 04b8 is EPSON and 0130 the particular model.

```
lsusb
```

Also add yourself to the saned and scanner groups (replace username with the actual username):

```
sudo adduser username saned
sudo adduser username scanner
```

Now add the following to /etc/udev/rules.d/80-scanner.rules

80-scanner.rules

```
# change device EPSON owner group
ATTRS{manufacturer}=="EPSON", DRIVERS=="usb", SUBSYSTEMS=="usb",
ATTRS{idVendor}=="04b8", ATTRS{idProduct}=="0130", GROUP="scanner"
```

Reload udev rules:

```
sudo udevadm control --reload
```

And test the rules replacing the bus and device number from lsusb output. This should print group id 0 in the first line, then the group id of the scanner group in the second line.

```
sudo udevadm test $(udevadm info -q path -n /dev/bus/usb/<bus>/<device>)
2>&1 | grep -i group --color
```

Disconnect the scanner and reconnect it, then try using iscan or other scanning applications.

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

Permanent link:
http://wuff.dyndns.org/doku.php?id=config:epson-v500-scanner&rev=1685357732

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