

PCMCIA Driver

sysfs

New PCMCIA IDs may be added to a device driver `pcmcia_device_id` table at runtime as shown below:

```
echo "match_flags manf_id card_id func_id function device_no \  
prod_id_hash[0] prod_id_hash[1] prod_id_hash[2] prod_id_hash[3]" > \  
/sys/bus/pcmcia/drivers/{driver}/new_id
```

All fields are passed in as hexadecimal values (no leading 0x). The meaning is described in the PCMCIA specification, the `match_flags` is a bitwise or-ed combination from `PCMCIA_DEV_ID_MATCH_*` constants defined in `include/linux/mod_devicetable.h`.

Once added, the driver probe routine will be invoked for any unclaimed PCMCIA device listed in its (newly updated) `pcmcia_device_id` list.

A common use-case is to add a new device according to the manufacturer ID and the card ID (form the `manf_id` and `card_id` file in the device tree). For this, just use:

```
echo "0x3 manf_id card_id 0 0 0 0 0 0" > \  
/sys/bus/pcmcia/drivers/{driver}/new_id
```

after loading the driver.