

# [PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-12/msg01142.html>

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From: Richard Knutsson <[ricknu-0@xxxxxxxxxxxxxxxx](mailto:ricknu-0@xxxxxxxxxxxxxxxx)>

Replace (found) dev->driver\_data with dev\_[gs]et\_drvdata().

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```

----
block/dasd_devmap.c | 2
char/raw3270.c | 6 +-
char/tape_core.c | 10 +++-
char/vmlogrdr.c | 14 +++--
cio/device.c | 14 +++--
net/claw.c | 20 ++++----
net/ctcmain.c | 12 +++-
net/lcs.c | 8 +-
net/netiucv.c | 46 ++++++++-----
net/qeth_main.c | 2
net/qeth_proc.c | 6 +-
net/qeth_sys.c | 130 ++++++-----
12 files changed, 135 insertions(+), 135 deletions(-)

```

```

diff -Narup a/drivers/s390/block/dasd_devmap.c b/drivers/s390/block/dasd_devmap.c
--- a/drivers/s390/block/dasd_devmap.c 2005-12-02 14:57:55.000000000 +0100
+++ b/drivers/s390/block/dasd_devmap.c 2005-12-02 15:04:32.000000000 +0100
@@ -707,7 +707,7 @@ dasd_discipline_show(struct device *dev,

```

```

spin_lock(&dasd_devmap_lock);
dname = "none";
- devmap = dev->driver_data;
+ devmap = dev_get_drvdata(dev);
if (devmap && devmap->device && devmap->device->discipline)
dname = devmap->device->discipline->name;
spin_unlock(&dasd_devmap_lock);

```

```

diff -Narup a/drivers/s390/char/tape_core.c b/drivers/s390/char/tape_core.c
--- a/drivers/s390/char/tape_core.c 2005-12-02 14:36:11.000000000 +0100
+++ b/drivers/s390/char/tape_core.c 2005-12-02 14:41:38.000000000 +0100
@@ -112,7 +112,7 @@ tape_medium_state_show(struct device *de

```

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```
{
struct tape_device *tdev;

- tdev = (struct tape_device *) dev->driver_data;
+ tdev = dev_get_drvdata(dev);
return scnprintf(buf, PAGE_SIZE, "%i\n", tdev->medium_state);
}

@@ -124,7 +124,7 @@ tape_first_minor_show(struct device *dev
{
struct tape_device *tdev;

- tdev = (struct tape_device *) dev->driver_data;
+ tdev = dev_get_drvdata(dev);
return scnprintf(buf, PAGE_SIZE, "%i\n", tdev->first_minor);
}

@@ -136,7 +136,7 @@ tape_state_show(struct device *dev, stru
{
struct tape_device *tdev;

- tdev = (struct tape_device *) dev->driver_data;
+ tdev = dev_get_drvdata(dev);
return scnprintf(buf, PAGE_SIZE, "%s\n", (tdev->first_minor < 0) ?
"OFFLINE" : tape_state_verbose[tdev->tape_state]);
}
@@ -150,7 +150,7 @@ tape_operation_show(struct device *dev,
struct tape_device *tdev;
ssize_t rc;

- tdev = (struct tape_device *) dev->driver_data;
+ tdev = dev_get_drvdata(dev);
if (tdev->first_minor < 0)
return scnprintf(buf, PAGE_SIZE, "N/A\n");

@@ -176,7 +176,7 @@ tape_blocksize_show(struct device *dev,
{
struct tape_device *tdev;

- tdev = (struct tape_device *) dev->driver_data;
+ tdev = dev_get_drvdata(dev);

return scnprintf(buf, PAGE_SIZE, "%i\n", tdev->char_data.block_size);
}
diff -Narup a/drivers/s390/char/raw3270.c b/drivers/s390/char/raw3270.c
--- a/drivers/s390/char/raw3270.c 2005-12-02 15:07:48.000000000 +0100
+++ b/drivers/s390/char/raw3270.c 2005-12-02 15:10:37.000000000 +0100
@@ -1142,7 +1142,7 @@ static ssize_t
raw3270_model_show(struct device *dev, struct device_attribute *attr, char *buf)
{
return snprintf(buf, PAGE_SIZE, "%i\n",
```

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```
– ((struct raw3270 *) dev->driver_data)->model);
+ ((struct raw3270 *) dev_get_drvdata(dev))->model);
}
static DEVICE_ATTR(model, 0444, raw3270_model_show, 0);

@@ -1150,7 +1150,7 @@ static ssize_t
raw3270_rows_show(struct device *dev, struct device_attribute *attr, char *buf)
{
return snprintf(buf, PAGE_SIZE, "%i\n",
– ((struct raw3270 *) dev->driver_data)->rows);
+ ((struct raw3270 *) dev_get_drvdata(dev))->rows);
}
static DEVICE_ATTR(rows, 0444, raw3270_rows_show, 0);

@@ -1158,7 +1158,7 @@ static ssize_t
raw3270_columns_show(struct device *dev, struct device_attribute *attr, char *buf)
{
return snprintf(buf, PAGE_SIZE, "%i\n",
– ((struct raw3270 *) dev->driver_data)->cols);
+ ((struct raw3270 *) dev_get_drvdata(dev))->cols);
}
static DEVICE_ATTR(columns, 0444, raw3270_columns_show, 0);

diff –Narup a/drivers/s390/char/vmlogrdr.c b/drivers/s390/char/vmlogrdr.c
--- a/drivers/s390/char/vmlogrdr.c 2005-12-02 14:51:26.000000000 +0100
+++ b/drivers/s390/char/vmlogrdr.c 2005-12-02 15:57:50.000000000 +0100
@@ -549,7 +549,7 @@ vmlogrdr_read (struct file *filp, char *

static ssize_t
vmlogrdr_autopurge_store(struct device * dev, struct device_attribute *attr, const char * buf, size_t count) {
– struct vmlogrdr_priv_t *priv = dev->driver_data;
+ struct vmlogrdr_priv_t *priv = dev_get_drvdata(dev);
ssize_t ret = count;

switch (buf[0]) {
@@ -568,7 +568,7 @@ vmlogrdr_autopurge_store(struct device *

static ssize_t
vmlogrdr_autopurge_show(struct device *dev, struct device_attribute *attr, char *buf) {
– struct vmlogrdr_priv_t *priv = dev->driver_data;
+ struct vmlogrdr_priv_t *priv = dev_get_drvdata(dev);
return sprintf(buf, "%u\n", priv->autopurge);
}

@@ -582,7 +582,7 @@ vmlogrdr_purge_store(struct device * dev

char cp_command[80];
char cp_response[80];
– struct vmlogrdr_priv_t *priv = dev->driver_data;
+ struct vmlogrdr_priv_t *priv = dev_get_drvdata(dev);
```

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```
if (buf[0] != '1')
return -EINVAL;
@@ -621,7 +621,7 @@ static DEVICE_ATTR(purge, 0200, NULL, vm
static ssize_t
vmlogrdr_autorecording_store(struct device *dev, struct device_attribute *attr, const char *buf,
size_t count) {
- struct vmlogrdr_priv_t *priv = dev->driver_data;
+ struct vmlogrdr_priv_t *priv = dev_get_drvdata(dev);
ssize_t ret = count;

switch (buf[0]) {
@@ -640,7 +640,7 @@ vmlogrdr_autorecording_store(struct devi

static ssize_t
vmlogrdr_autorecording_show(struct device *dev, struct device_attribute *attr, char *buf) {
- struct vmlogrdr_priv_t *priv = dev->driver_data;
+ struct vmlogrdr_priv_t *priv = dev_get_drvdata(dev);
return sprintf(buf, "%u\n", priv->autorecording);
}

@@ -652,7 +652,7 @@ static DEVICE_ATTR(autorecording, 0644,
static ssize_t
vmlogrdr_recording_store(struct device * dev, struct device_attribute *attr, const char * buf, size_t count) {

- struct vmlogrdr_priv_t *priv = dev->driver_data;
+ struct vmlogrdr_priv_t *priv = dev_get_drvdata(dev);
ssize_t ret;

switch (buf[0]) {
@@ -799,7 +799,7 @@ vmlogrdr_register_device(struct vmlogrdr
device_unregister(dev);
return ret;
}
- dev->driver_data = priv;
+ dev_set_drvdata(dev, priv);
priv->device = dev;
return 0;
}
diff -Narup a/drivers/s390/cio/device.c b/drivers/s390/cio/device.c
--- a/drivers/s390/cio/device.c 2005-12-02 14:06:22.000000000 +0100
+++ b/drivers/s390/cio/device.c 2005-12-02 14:10:53.000000000 +0100
@@ -882,12 +882,12 @@ io_subchannel_remove (struct device *dev
struct ccw_device *cdev;
unsigned long flags;

- if (!dev->driver_data)
+ if (!dev_get_drvdata(dev))
return 0;
- cdev = dev->driver_data;
+ cdev = dev_get_drvdata(dev);
/* Set ccw device to not operational and drop reference. */
```

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```
spin_lock_irqsave(cdev->ccwlock, flags);
- dev->driver_data = NULL;
+ dev_set_drvdata(dev, NULL);
cdev->private->state = DEV_STATE_NOT_OPER;
spin_unlock_irqrestore(cdev->ccwlock, flags);
/*
@@ -907,7 +907,7 @@ io_subchannel_notify(struct device *dev,
{
struct ccw_device *cdev;

- cdev = dev->driver_data;
+ cdev = dev_get_drvdata(dev);
if (!cdev)
return 0;
if (!cdev->drv)
@@ -922,7 +922,7 @@ io_subchannel_verify(struct device *dev)
{
struct ccw_device *cdev;

- cdev = dev->driver_data;
+ cdev = dev_get_drvdata(dev);
if (cdev)
dev_fsm_event(cdev, DEV_EVENT_VERIFY);
}
@@ -932,7 +932,7 @@ io_subchannel_ioterm(struct device *dev)
{
struct ccw_device *cdev;

- cdev = dev->driver_data;
+ cdev = dev_get_drvdata(dev);
if (!cdev)
return;
cdev->private->state = DEV_STATE_CLEAR_VERIFY;
@@ -949,7 +949,7 @@ io_subchannel_shutdown(struct device *de
int ret;

sch = to_subchannel(dev);
- cdev = dev->driver_data;
+ cdev = dev_get_drvdata(dev);

if (cio_is_console(sch->irq))
return;
diff -Narup a/drivers/s390/net/netiucv.c b/drivers/s390/net/netiucv.c
--- a/drivers/s390/net/netiucv.c 2005-12-02 13:32:18.000000000 +0100
+++ b/drivers/s390/net/netiucv.c 2005-12-02 16:01:04.000000000 +0100
@@ -1358,7 +1358,7 @@ netiucv_change_mtu (struct net_device *
static ssize_t
user_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)
```

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```
IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%s\n", netiucv_printname(priv->conn->userid));
@@ -1367,7 +1367,7 @@ user_show (struct device *dev, struct de
static ssize_t
user_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)
struct net_device *ndev = priv->conn->netdev;
char *p;
char *tmp;
@@ -1424,7 +1424,7 @@ static DEVICE_ATTR(user, 0644, user_show
static ssize_t
buffer_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%d\n", priv->conn->max_buffsize);
@@ -1433,7 +1433,7 @@ buffer_show (struct device *dev, struct
static ssize_t
buffer_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)
struct net_device *ndev = priv->conn->netdev;
char *e;
int bs1;
@@ -1488,7 +1488,7 @@ static DEVICE_ATTR(buffer, 0644, buffer_
static ssize_t
dev_fsm_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%s\n", fsm_getstate_str(priv->fsm));
@@ -1499,7 +1499,7 @@ static DEVICE_ATTR(device_fsm_state, 044
static ssize_t
conn_fsm_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%s\n", fsm_getstate_str(priv->conn->fsm));
@@ -1510,7 +1510,7 @@ static DEVICE_ATTR(connection_fsm_state,
static ssize_t
maxmulti_show (struct device *dev, struct device_attribute *attr, char *buf)
```

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```
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%ld\n", priv->conn->prof.maxmulti);
@@ -1519,7 +1519,7 @@ maxmulti_show (struct device *dev, struc
static ssize_t
maxmulti_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 4, __FUNCTION__);
priv->conn->prof.maxmulti = 0;
@@ -1531,7 +1531,7 @@ static DEVICE_ATTR(max_tx_buffer_used, 0
static ssize_t
maxcq_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%ld\n", priv->conn->prof.maxcqueue);
@@ -1540,7 +1540,7 @@ maxcq_show (struct device *dev, struct d
static ssize_t
maxcq_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 4, __FUNCTION__);
priv->conn->prof.maxcqueue = 0;
@@ -1552,7 +1552,7 @@ static DEVICE_ATTR(max_chained_skbs, 064
static ssize_t
sdoio_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%ld\n", priv->conn->prof.doios_single);
@@ -1561,7 +1561,7 @@ sdoio_show (struct device *dev, struct d
static ssize_t
sdoio_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 4, __FUNCTION__);
priv->conn->prof.doios_single = 0;
```

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```
@@ -1573,7 +1573,7 @@ static DEVICE_ATTR(tx_single_write_ops,
static ssize_t
mdoio_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%ld\n", priv->conn->prof.doios_multi);
@@ -1582,7 +1582,7 @@ mdoio_show (struct device *dev, struct d
static ssize_t
mdoio_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
priv->conn->prof.doios_multi = 0;
@@ -1594,7 +1594,7 @@ static DEVICE_ATTR(tx_multi_write_ops, 0
static ssize_t
txlen_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%ld\n", priv->conn->prof.txlen);
@@ -1603,7 +1603,7 @@ txlen_show (struct device *dev, struct d
static ssize_t
txlen_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 4, __FUNCTION__);
priv->conn->prof.txlen = 0;
@@ -1615,7 +1615,7 @@ static DEVICE_ATTR(netto_bytes, 0644, tx
static ssize_t
txtime_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%ld\n", priv->conn->prof.tx_time);
@@ -1624,7 +1624,7 @@ txtime_show (struct device *dev, struct
static ssize_t
txtime_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)
```

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```
IUCV_DBF_TEXT(trace, 4, __FUNCTION__);
priv->conn->prof.tx_time = 0;
@@ -1636,7 +1636,7 @@ static DEVICE_ATTR(max_tx_io_time, 0644,
static ssize_t
txpend_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%ld\n", priv->conn->prof.tx_pending);
@@ -1645,7 +1645,7 @@ txpend_show (struct device *dev, struct
static ssize_t
txpend_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 4, __FUNCTION__);
priv->conn->prof.tx_pending = 0;
@@ -1657,7 +1657,7 @@ static DEVICE_ATTR(tx_pending, 0644, txp
static ssize_t
txmpnd_show (struct device *dev, struct device_attribute *attr, char *buf)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 5, __FUNCTION__);
return sprintf(buf, "%ld\n", priv->conn->prof.tx_max_pending);
@@ -1666,7 +1666,7 @@ txmpnd_show (struct device *dev, struct
static ssize_t
txmpnd_write (struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct netiucv_priv *priv = dev->driver_data;
+ struct netiucv_priv *priv = dev_get_drvdata(dev)

IUCV_DBF_TEXT(trace, 4, __FUNCTION__);
priv->conn->prof.tx_max_pending = 0;
@@ -1762,7 +1762,7 @@ netiucv_register_device(struct net_devic
if (ret)
goto out_unreg;
priv->dev = dev;
- dev->driver_data = priv;
+ dev_set_drvdata(dev, priv);
return 0;

out_unreg:
diff -Narup a/drivers/s390/net/claw.c b/drivers/s390/net/claw.c
--- a/drivers/s390/net/claw.c 2005-12-02 13:52:30.000000000 +0100
+++ b/drivers/s390/net/claw.c 2005-12-02 13:55:24.000000000 +0100
```

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```
@@ -4141,7 +4141,7 @@ claw_hname_show(struct device *dev, stru
struct claw_privbk *priv;
struct claw_env * p_env;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4154,7 +4154,7 @@ claw_hname_write(struct device *dev, str
struct claw_privbk *priv;
struct claw_env * p_env;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4178,7 +4178,7 @@ claw_adname_show(struct device *dev, str
struct claw_privbk *priv;
struct claw_env * p_env;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4191,7 +4191,7 @@ claw_adname_write(struct device *dev, st
struct claw_privbk *priv;
struct claw_env * p_env;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4215,7 +4215,7 @@ claw_apname_show(struct device *dev, str
struct claw_privbk *priv;
struct claw_env * p_env;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4229,7 +4229,7 @@ claw_apname_write(struct device *dev, st
struct claw_privbk *priv;
struct claw_env * p_env;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
```

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```

if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4263,7 +4263,7 @@ claw_wbuff_show(struct device *dev, stru
struct claw_privbk *priv;
struct claw_env * p_env;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4277,7 +4277,7 @@ claw_wbuff_write(struct device *dev, str
struct claw_env * p_env;
int nnn,max;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4304,7 +4304,7 @@ claw_rbuff_show(struct device *dev, stru
struct claw_privbk *priv;
struct claw_env * p_env;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
@@ -4318,7 +4318,7 @@ claw_rbuff_write(struct device *dev, str
struct claw_env *p_env;
int nnn,max;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev)
if (!priv)
return -ENODEV;
p_env = priv->p_env;
diff -Narup a/drivers/s390/net/qeth_sys.c b/drivers/s390/net/qeth_sys.c
--- a/drivers/s390/net/qeth_sys.c 2005-12-02 12:31:25.000000000 +0100
+++ b/drivers/s390/net/qeth_sys.c 2005-12-02 13:05:55.000000000 +0100
@@ -32,7 +32,7 @@ const char *VERSION_QETH_SYS_C = "$Revis
static ssize_t
qeth_dev_state_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
if (!card)
return -EINVAL;

```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
@@ -60,7 +60,7 @@ static DEVICE_ATTR(state, 0444, qeth_dev
static ssize_t
qeth_dev_chpid_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
if (!card)
return -EINVAL;
```

```
@@ -72,7 +72,7 @@ static DEVICE_ATTR(chpid, 0444, qeth_dev
static ssize_t
qeth_dev_if_name_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
if (!card)
return -EINVAL;
```

```
return sprintf(buf, "%s\n", QETH_CARD_IFNAME(card));
@@ -83,7 +83,7 @@ static DEVICE_ATTR(if_name, 0444, qeth_d
static ssize_t
qeth_dev_card_type_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
if (!card)
return -EINVAL;
```

```
@@ -95,7 +95,7 @@ static DEVICE_ATTR(card_type, 0444, qeth
static ssize_t
qeth_dev_portno_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
if (!card)
return -EINVAL;
```

```
@@ -105,7 +105,7 @@ qeth_dev_portno_show(struct device *dev,
static ssize_t
qeth_dev_portno_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;
unsigned int portno;
```

```
@@ -131,7 +131,7 @@ static DEVICE_ATTR(portno, 0644, qeth_de
static ssize_t
qeth_dev_portname_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
char portname[9] = {0, };
```

```
if (!card)
```

```
@@ -148,7 +148,7 @@ qeth_dev_portname_show(struct device *de
```

```
static ssize_t
```

```
qeth_dev_portname_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
```

```
{
```

```
- struct qeth_card *card = dev->driver_data;
```

```
+ struct qeth_card *card = dev_get_drvdata(dev);
```

```
char *tmp;
```

```
int i;
```

```
@@ -179,7 +179,7 @@ static DEVICE_ATTR(portname, 0644, qeth_
```

```
static ssize_t
```

```
qeth_dev_checksum_show(struct device *dev, struct device_attribute *attr, char *buf)
```

```
{
```

```
- struct qeth_card *card = dev->driver_data;
```

```
+ struct qeth_card *card = dev_get_drvdata(dev);
```

```
if (!card)
```

```
return -EINVAL;
```

```
@@ -190,7 +190,7 @@ qeth_dev_checksum_show(struct device *de
```

```
static ssize_t
```

```
qeth_dev_checksum_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
```

```
{
```

```
- struct qeth_card *card = dev->driver_data;
```

```
+ struct qeth_card *card = dev_get_drvdata(dev);
```

```
char *tmp;
```

```
if (!card)
```

```
@@ -220,7 +220,7 @@ static DEVICE_ATTR(checksumming, 0644, q
```

```
static ssize_t
```

```
qeth_dev_prioqing_show(struct device *dev, struct device_attribute *attr, char *buf)
```

```
{
```

```
- struct qeth_card *card = dev->driver_data;
```

```
+ struct qeth_card *card = dev_get_drvdata(dev);
```

```
if (!card)
```

```
return -EINVAL;
```

```
@@ -239,7 +239,7 @@ qeth_dev_prioqing_show(struct device *de
```

```
static ssize_t
```

```
qeth_dev_prioqing_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
```

```
{
```

```
- struct qeth_card *card = dev->driver_data;
```

```
+ struct qeth_card *card = dev_get_drvdata(dev);
```

```
char *tmp;
```

```
if (!card)
```

```
@@ -292,7 +292,7 @@ static DEVICE_ATTR(priority_queueing, 06
```

```
static ssize_t
```

```
qeth_dev_bufcnt_show(struct device *dev, struct device_attribute *attr, char *buf)
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -303,7 +303,7 @@ qeth_dev_bufcnt_show(struct device *dev,
static ssize_t
qeth_dev_bufcnt_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;
int cnt, old_cnt;
int rc;
@@ -362,7 +362,7 @@ qeth_dev_route_show(struct qeth_card *ca
static ssize_t
qeth_dev_route4_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -412,7 +412,7 @@ qeth_dev_route_store(struct qeth_card *c
static ssize_t
qeth_dev_route4_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -427,7 +427,7 @@ static DEVICE_ATTR(route4, 0644, qeth_de
static ssize_t
qeth_dev_route6_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -441,7 +441,7 @@ qeth_dev_route6_show(struct device *dev,
static ssize_t
qeth_dev_route6_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
@@ -463,7 +463,7 @@ static DEVICE_ATTR(route6, 0644, qeth_de
static ssize_t
qeth_dev_add_hhlen_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -474,7 +474,7 @@ qeth_dev_add_hhlen_show(struct device *d
static ssize_t
qeth_dev_add_hhlen_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;
int i;

@@ -501,7 +501,7 @@ static DEVICE_ATTR(add_hhlen, 0644, qeth
static ssize_t
qeth_dev_fake_ll_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -512,7 +512,7 @@ qeth_dev_fake_ll_show(struct device *dev
static ssize_t
qeth_dev_fake_ll_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;
int i;

@@ -538,7 +538,7 @@ static DEVICE_ATTR(fake_ll, 0644, qeth_d
static ssize_t
qeth_dev_fake_broadcast_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -549,7 +549,7 @@ qeth_dev_fake_broadcast_show(struct devi
static ssize_t
qeth_dev_fake_broadcast_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
char *tmp;
int i;
```

```
@@ -576,7 +576,7 @@ static DEVICE_ATTR(fake_broadcast, 0644,
static ssize_t
qeth_dev_recover_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;
int i;
```

```
@@ -598,7 +598,7 @@ static DEVICE_ATTR(recover, 0200, NULL,
static ssize_t
qeth_dev_broadcast_mode_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
```

```
if (!card)
return -EINVAL;
```

```
@@ -615,7 +615,7 @@ qeth_dev_broadcast_mode_show(struct devi
static ssize_t
qeth_dev_broadcast_mode_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t
count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;
```

```
if (!card)
```

```
return -EINVAL;
@@ -653,7 +653,7 @@ static DEVICE_ATTR(broadcast_mode, 0644,
static ssize_t
qeth_dev_canonical_macaddr_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
```

```
if (!card)
```

```
return -EINVAL;
@@ -670,7 +670,7 @@ static ssize_t
qeth_dev_canonical_macaddr_store(struct device *dev, struct device_attribute *attr, const char *buf,
size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;
int i;
```

```
@@ -705,7 +705,7 @@ static DEVICE_ATTR(canonical_macaddr, 06
static ssize_t
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
qeth_dev_layer2_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -716,7 +716,7 @@ qeth_dev_layer2_show(struct device *dev,
static ssize_t
qeth_dev_layer2_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;
int i;

@@ -747,7 +747,7 @@ static DEVICE_ATTR(layer2, 0644, qeth_de
static ssize_t
qeth_dev_large_send_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -767,7 +767,7 @@ qeth_dev_large_send_show(struct device *
static ssize_t
qeth_dev_large_send_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
enum qeth_large_send_types type;
int rc = 0;
char *tmp;
@@ -833,7 +833,7 @@ qeth_dev_blkt_store(struct qeth_card *ca
static ssize_t
qeth_dev_blkt_total_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

return qeth_dev_blkt_show(buf, card, card->info.blkt.time_total);
}
@@ -842,7 +842,7 @@ qeth_dev_blkt_total_show(struct device *
static ssize_t
qeth_dev_blkt_total_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

return qeth_dev_blkt_store(card, buf, count,
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
&card->info.blkt.time_total,1000);
@@ -856,7 +856,7 @@ static DEVICE_ATTR(total, 0644, qeth_dev
static ssize_t
qeth_dev_blkt_inter_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

return qeth_dev_blkt_show(buf, card, card->info.blkt.inter_packet);
}
@@ -865,7 +865,7 @@ qeth_dev_blkt_inter_show(struct device *
static ssize_t
qeth_dev_blkt_inter_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

return qeth_dev_blkt_store(card, buf, count,
&card->info.blkt.inter_packet,100);
@@ -877,7 +877,7 @@ static DEVICE_ATTR(inter, 0644, qeth_dev
static ssize_t
qeth_dev_blkt_inter_jumbo_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

return qeth_dev_blkt_show(buf, card,
card->info.blkt.inter_packet_jumbo);
@@ -887,7 +887,7 @@ qeth_dev_blkt_inter_jumbo_show(struct de
static ssize_t
qeth_dev_blkt_inter_jumbo_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t
count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

return qeth_dev_blkt_store(card, buf, count,
&card->info.blkt.inter_packet_jumbo,100);
@@ -970,7 +970,7 @@ qeth_check_layer2(struct qeth_card *card
static ssize_t
qeth_dev_ipato_enable_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -983,7 +983,7 @@ qeth_dev_ipato_enable_show(struct device
static ssize_t
qeth_dev_ipato_enable_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
```

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```
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;

if (!card)
@@ -1018,7 +1018,7 @@ static QETH_DEVICE_ATTR(ipato_enable, en
static ssize_t
qeth_dev_ipato_invert4_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1032,7 +1032,7 @@ qeth_dev_ipato_invert4_show(struct device
static ssize_t
qeth_dev_ipato_invert4_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;

if (!card)
@@ -1098,7 +1098,7 @@ qeth_dev_ipato_add_show(char *buf, struc
static ssize_t
qeth_dev_ipato_add4_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1167,7 +1167,7 @@ qeth_dev_ipato_add_store(const char *buf
static ssize_t
qeth_dev_ipato_add4_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1200,7 +1200,7 @@ qeth_dev_ipato_del_store(const char *buf
static ssize_t
qeth_dev_ipato_del4_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1215,7 +1215,7 @@ static QETH_DEVICE_ATTR(ipato_del4, del4
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
static ssize_t
qeth_dev_ipato_invert6_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1229,7 +1229,7 @@ qeth_dev_ipato_invert6_show(struct device
static ssize_t
qeth_dev_ipato_invert6_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
char *tmp;

if (!card)
return -EINVAL;
@@ -1261,7 +1261,7 @@ static QETH_DEVICE_ATTR(ipato_invert6, i
static ssize_t
qeth_dev_ipato_add6_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1272,7 +1272,7 @@ qeth_dev_ipato_add6_show(struct device *
static ssize_t
qeth_dev_ipato_add6_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1287,7 +1287,7 @@ static QETH_DEVICE_ATTR(ipato_add6, add6
static ssize_t
qeth_dev_ipato_del6_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1355,7 +1355,7 @@ qeth_dev_vipa_add_show(char *buf, struct
static ssize_t
qeth_dev_vipa_add4_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
if (!card)
return -EINVAL;
@@ -1395,7 +1395,7 @@ qeth_dev_vipa_add_store(const char *buf,
static ssize_t
qeth_dev_vipa_add4_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1427,7 +1427,7 @@ qeth_dev_vipa_del_store(const char *buf,
static ssize_t
qeth_dev_vipa_del4_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1442,7 +1442,7 @@ static QETH_DEVICE_ATTR(vipa_del4, del4,
static ssize_t
qeth_dev_vipa_add6_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1453,7 +1453,7 @@ qeth_dev_vipa_add6_show(struct device *d
static ssize_t
qeth_dev_vipa_add6_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1468,7 +1468,7 @@ static QETH_DEVICE_ATTR(vipa_add6, add6,
static ssize_t
qeth_dev_vipa_del6_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1536,7 +1536,7 @@ qeth_dev_rxip_add_show(char *buf, struct
static ssize_t
qeth_dev_rxip_add4_show(struct device *dev, struct device_attribute *attr, char *buf)
{
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1576,7 +1576,7 @@ qeth_dev_rxip_add_store(const char *buf,
static ssize_t
qeth_dev_rxip_add4_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1608,7 +1608,7 @@ qeth_dev_rxip_del_store(const char *buf,
static ssize_t
qeth_dev_rxip_del4_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1623,7 +1623,7 @@ static QETH_DEVICE_ATTR(rxip_del4, del4,
static ssize_t
qeth_dev_rxip_add6_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1634,7 +1634,7 @@ qeth_dev_rxip_add6_show(struct device *d
static ssize_t
qeth_dev_rxip_add6_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1649,7 +1649,7 @@ static QETH_DEVICE_ATTR(rxip_add6, add6,
static ssize_t
qeth_dev_rxip_del6_store(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (!card)
return -EINVAL;
@@ -1680,7 +1680,7 @@ int
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```

qeth_create_device_attributes(struct device *dev)
{
int ret;
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (card->info.type == QETH_CARD_TYPE_OSN)
return sysfs_create_group(&dev->kobj,
@@ -1711,7 +1711,7 @@ qeth_create_device_attributes(struct dev
void
qeth_remove_device_attributes(struct device *dev)
{
- struct qeth_card *card = dev->driver_data;
+ struct qeth_card *card = dev_get_drvdata(dev);

if (card->info.type == QETH_CARD_TYPE_OSN)
return sysfs_remove_group(&dev->kobj,
diff -Narup a/drivers/s390/net/qeth_proc.c b/drivers/s390/net/qeth_proc.c
--- a/drivers/s390/net/qeth_proc.c 2005-12-02 15:31:13.000000000 +0100
+++ b/drivers/s390/net/qeth_proc.c 2005-12-02 15:30:09.000000000 +0100
@@ -135,7 +135,7 @@ qeth_procfile_seq_show(struct seq_file *
"-----\n");
} else {
device = (struct device *) it;
- card = device->driver_data;
+ card = dev_get_drvdata(device);
seq_printf(s, "%s/%s/%s x%02X %-10s %-14s %-4i ",
CARD_RDEV_ID(card),
CARD_WDEV_ID(card),
@@ -230,7 +230,7 @@ qeth_perf_procfile_seq_show(struct seq_f
struct qeth_card *card;

device = (struct device *) it;
- card = device->driver_data;
+ card = dev_get_drvdata(device);
seq_printf(s, "For card with devnos %s/%s/%s (%s):\n",
CARD_RDEV_ID(card),
CARD_WDEV_ID(card),
@@ -385,7 +385,7 @@ qeth_ipato_procfile_seq_show(struct seq_
* else output setting for respective card
*/
device = (struct device *) it;
- card = device->driver_data;
+ card = dev_get_drvdata(device);

return 0;
}
diff -Narup a/drivers/s390/net/lcs.c b/drivers/s390/net/lcs.c
--- a/drivers/s390/net/lcs.c 2005-12-02 13:58:41.000000000 +0100
+++ b/drivers/s390/net/lcs.c 2005-12-02 14:04:27.000000000 +0100
@@ -1987,7 +1987,7 @@ lcs_portno_show (struct device *dev, str

```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
{
struct lcs_card *card;

- card = (struct lcs_card *)dev->driver_data;
+ card = dev_get_drvdata(dev);

if (!card)
return 0;
@@ -2004,7 +2004,7 @@ lcs_portno_store (struct device *dev, st
struct lcs_card *card;
int value;

- card = (struct lcs_card *)dev->driver_data;
+ card = dev_get_drvdata(dev);

if (!card)
return 0;
@@ -2038,7 +2038,7 @@ lcs_timeout_show(struct device *dev, str
{
struct lcs_card *card;

- card = (struct lcs_card *)dev->driver_data;
+ card = dev_get_drvdata(dev);

return card ? sprintf(buf, "%u\n", card->lancmd_timeout) : 0;
}
@@ -2049,7 +2049,7 @@ lcs_timeout_store (struct device *dev, s
struct lcs_card *card;
int value;

- card = (struct lcs_card *)dev->driver_data;
+ card = dev_get_drvdata(dev);

if (!card)
return 0;
diff -Narup a/drivers/s390/net/qeth_main.c b/drivers/s390/net/qeth_main.c
--- a/drivers/s390/net/qeth_main.c 2005-12-02 14:15:04.000000000 +0100
+++ b/drivers/s390/net/qeth_main.c 2005-12-02 14:13:24.000000000 +0100
@@ -8497,7 +8497,7 @@ __qeth_reboot_event_card(struct device *
{
struct qeth_card *card;

- card = (struct qeth_card *) dev->driver_data;
+ card = dev_get_drvdata(dev);
qeth_clear_ip_list(card, 0, 0);
qeth_qdio_clear_card(card, 0);
return 0;
diff -Narup a/drivers/s390/net/ctcmain.c b/drivers/s390/net/ctcmain.c
--- a/drivers/s390/net/ctcmain.c 2005-12-02 13:15:41.000000000 +0100
+++ b/drivers/s390/net/ctcmain.c 2005-12-02 13:29:46.000000000 +0100
@@ -2478,7 +2478,7 @@ buffer_show(struct device *dev, struct d
```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```

{
struct ctc_priv *priv;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev);
if (!priv)
return -ENODEV;
return sprintf(buf, "%d\n",
@@ -2495,7 +2495,7 @@ buffer_write(struct device *dev, struct

DBF_TEXT(trace, 3, __FUNCTION__);
DBF_TEXT(trace, 3, buf);
- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev);
if (!priv) {
DBF_TEXT(trace, 3, "bfnopriv");
return -ENODEV;
@@ -2596,7 +2596,7 @@ ctc_print_statistics(struct ctc_priv *pr
static ssize_t
stats_show(struct device *dev, struct device_attribute *attr, char *buf)
{
- struct ctc_priv *priv = dev->driver_data;
+ struct ctc_priv *priv = dev_get_drvdata(dev);
if (!priv)
return -ENODEV;
ctc_print_statistics(priv);
@@ -2606,7 +2606,7 @@ stats_show(struct device *dev, struct de
static ssize_t
stats_write(struct device *dev, struct device_attribute *attr, const char *buf, size_t count)
{
- struct ctc_priv *priv = dev->driver_data;
+ struct ctc_priv *priv = dev_get_drvdata(dev);
if (!priv)
return -ENODEV;
/* Reset statistics */
@@ -2662,7 +2662,7 @@ ctc_proto_show(struct device *dev, struc
{
struct ctc_priv *priv;

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev);
if (!priv)
return -ENODEV;

@@ -2678,7 +2678,7 @@ ctc_proto_store(struct device *dev, stru
DBF_TEXT(trace, 3, __FUNCTION__);
pr_debug("%s() called\n", __FUNCTION__);

- priv = dev->driver_data;
+ priv = dev_get_drvdata(dev);
if (!priv)

```

[PATCH 2/3] s390: Replace driver\_data with dev\_[gs]et\_drvdata

```
return -ENODEV;  
sscanf(buf, "%u", &value);  
-
```

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• **References:**

◆ [\[PATCH 0/3\] Replace driver\\_data with dev \[gs\]et\\_drvdata\(\)](#)

◇ From: Richard Knutsson

- Prev by Date: [Re: \[Bcm43xx-dev\] Broadcom 43xx first results](#)
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