
Subject: [PATCH 5/6][NET-2.6.24] Make the IRDA use the seq_open_private()

Posted by [Pavel Emelianov](#) on Tue, 09 Oct 2007 16:01:32 GMT

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Just switch to the consolidated code

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diff --git a/net/irda/irlap.c b/net/irda/irlap.c

index 3d76aaf..f3236ac 100644

--- a/net/irda/irlap.c

+++ b/net/irda/irlap.c

@@ -1219,29 +1219,11 @@ static const struct seq_operations irlap

```
static int irlap_seq_open(struct inode *inode, struct file *file)
{
- struct seq_file *seq;
- int rc = -ENOMEM;
- struct irlap_iter_state *s = kzalloc(sizeof(*s), GFP_KERNEL);
+ if (irlap == NULL)
+ return -EINVAL;

- if (!s)
- goto out;
-
- if (irlap == NULL) {
- rc = -EINVAL;
- goto out_kfree;
- }
-
- rc = seq_open(file, &irlap_seq_ops);
- if (rc)
- goto out_kfree;
-
- seq = file->private_data;
- seq->private = s;
-out:
- return rc;
-out_kfree:
- kfree(s);
- goto out;
+ return seq_open_private(file, &irlap_seq_ops,
+ sizeof(struct irlap_iter_state));
}
```

```

const struct file_operations irlap_seq_fops = {
diff --git a/net/irda/irlmp.c b/net/irda/irlmp.c
index 7efa930..7db92ce 100644
--- a/net/irda/irlmp.c
+++ b/net/irda/irlmp.c
@@ -2003,27 +2003,10 @@ static const struct seq_operations irlmp

```

```

static int irlmp_seq_open(struct inode *inode, struct file *file)
{
- struct seq_file *seq;
- int rc = -ENOMEM;
- struct irlmp_iter_state *s;
-
- IRDA_ASSERT(irlmp != NULL, return -EINVAL);

- s = kmalloc(sizeof(*s), GFP_KERNEL);
- if (!s)
- goto out;
-
- rc = seq_open(file, &irlmp_seq_ops);
- if (rc)
- goto out_kfree;
-
- seq = file->private_data;
- seq->private = s;
-out:
- return rc;
-out_kfree:
- kfree(s);
- goto out;
+ return seq_open_private(file, &irlmp_seq_ops,
+ sizeof(struct irlmp_iter_state));
}

```

```

const struct file_operations irlmp_seq_fops = {
diff --git a/net/irda/irrtmp.c b/net/irda/irrtmp.c
index 3d7ab03..1311976 100644
--- a/net/irda/irrtmp.c
+++ b/net/irda/irrtmp.c
@@ -1884,25 +1884,8 @@ static const struct seq_operations irrtmp

```

```

static int irrtmp_seq_open(struct inode *inode, struct file *file)
{
- struct seq_file *seq;
- int rc = -ENOMEM;
- struct irrtmp_iter_state *s;
-
- s = kzalloc(sizeof(*s), GFP_KERNEL);

```

```
- if (!s)
- goto out;
-
- rc = seq_open(file, &irttp_seq_ops);
- if (rc)
- goto out_kfree;
-
- seq = file->private_data;
- seq->private = s;
-out:
- return rc;
-out_kfree:
- kfree(s);
- goto out;
+ return seq_open_private(file, &irttp_seq_ops,
+ sizeof(struct irttp_iter_state));
}
```

```
const struct file_operations irttp_seq_fops = {
```
