DMX_GET_STC

> **System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\(linux-master)(Documentation)(userspace-api)(media)(dvb)dmx-get-stc.rst, line 2`)**
>
> Unknown directive type "c:namespace".
>
> ```
>     .. c:namespace:: DTV.dmx
> ```

Name

DMX_GET_STC

Synopsis

> **System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\(linux-master)(Documentation)(userspace-api)(media)(dvb)dmx-get-stc.rst, line 18`)**
>
> Unknown directive type "c:macro".
>
> ```
>     .. c:macro:: DMX_GET_STC
> ```

```
int ioctl(int fd, DMX_GET_STC, struct dmx_stc *stc)
```

Arguments

`fd`

> File descriptor returned by :c:func:`open()`.
>
> > **System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\(linux-master)(Documentation)(userspace-api)(media)(dvb)dmx-get-stc.rst, line 26`); _backlink_**
> >
> > Unknown interpreted text role "c:func".

`stc`

> Pointer to :c:type:`dmx_stc` where the stc data is to be stored.
>
> > **System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\(linux-master)(Documentation)(userspace-api)(media)(dvb)dmx-get-stc.rst, line 29`); _backlink_**
> >
> > Unknown interpreted text role "c:type".

Description

This ioctl call returns the current value of the system time counter (which is driven by a PES filter of type :c:type:`DMX_PES_PCR <dmx_ts_pes>`). Some hardware supports more than one STC, so you must specify which one by setting the :c:type:`num <dmx_stc>` field of stc before the ioctl (range 0...n). The result is returned in form of a ratio with a 64 bit numerator and a 32 bit denominator, so the real 90kHz STC value is `stc->stc / stc->base`.

> **System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\(linux-master)(Documentation)(userspace-api)(media)(dvb)dmx-get-stc.rst, line 34`); _backlink_**
>
> Unknown interpreted text role "c:type".

> **System Message: ERROR/3 (`D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\(linux-master)(Documentation)(userspace-**

Return Value

On success 0 is returned.

On error -1 is returned, and the `errno` variable is set appropriately.

The generic error codes are described at the :ref:`Generic Error Codes <gen-errors>` chapter.