

# 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

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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()``.

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Unknown interpreted text role "c:func".

stc

Pointer to `:c:type:`dmx_stc`` where the stc data is to be stored.

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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`.

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Unknown interpreted text role "c:type".

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**api] [media] [dvb] dmx-get-stc.rst, line 34); [backlink](#)**

Unknown interpreted text role "c:type".

## Return Value

On success 0 is returned.

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

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Unknown directive type "tabularcolumns".

```
.. tabularcolumns:: |p{2.5cm}|p{15.0cm}|
```

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Unknown directive type "flat-table".

```
.. flat-table::
   :header-rows: 0
   :stub-columns: 0
   :widths: 1 16

   - .. row 1

     - ``EINVAL``

     - Invalid stc number.
```

The generic error codes are described at the [ref`Generic Error Codes <gen-errors>`](#) chapter.

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