

ioctl FE_SET_TONE

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\dvb\linux-master) (Documentation) (userspace-api) (media) (dvb) fe-set-tone.rst, line 2)

Unknown directive type "c.namespace".

```
.. c:namespace:: DTV.fe
```

Name

FE_SET_TONE - Sets/resets the generation of the continuous 22kHz tone.

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) fe-set-tone.rst, line 18)

Unknown directive type "c.macro".

```
.. c:macro:: FE_SET_TONE
```

```
int ioctl(int fd, FE_SET_TONE, enum fe_sec_tone_mode tone)
```

Arguments

fd

File descriptor returned by `:c:func:`open()``.

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Unknown interpreted text role "c:func".

tone

an integer enumerated value described at `:x:type:`fe_sec_tone_mode``

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Description

This ioctl is used to set the generation of the continuous 22kHz tone. This call requires read/write permissions.

Usually, satellite antenna subsystems require that the digital TV device to send a 22kHz tone in order to select between high/low band on some dual-band LNBf. It is also used to send signals to DiSEqC equipment, but this is done using the DiSEqC ioctls.

Attention!

If more than one device is connected to the same antenna, setting a tone may interfere on other devices, as they may lose the capability of selecting the band. So, it is recommended that applications would change to SEC_TONE_OFF when the device is not used.

Return Value

On success 0 is returned.

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

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

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