

Frontend type

For historical reasons, frontend types are named by the type of modulation used in transmission. The frontend types are given by `fe_type_t` type, defined as:

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-type-t.rst, line 12)

Unknown directive type "c.type".

```
.. c:type:: fe_type
```

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-type-t.rst, line 14)

Unknown directive type "tabularcolumns".

```
.. tabularcolumns:: |p{6.6cm}|p{2.2cm}|p{8.5cm}|
```

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-type-t.rst, line 16)

Unknown directive type "flat-table".

```
.. flat-table:: Frontend types
   :header-rows: 1
   :stub-columns: 0
   :widths:      3 1 4
```

- .. row 1
 - fe_type
 - Description
 - :ref:`DTV_DELIVERY_SYSTEM <DTV-DELIVERY-SYSTEM>` equivalent type
- .. row 2
 - .. _FE-QPSK:
 - ``FE_QPSK``
 - For DVB-S standard
 - ``SYS_DVBS``
- .. row 3
 - .. _FE-QAM:
 - ``FE_QAM``
 - For DVB-C annex A standard
 - ``SYS_DVBC_ANNEX_A``
- .. row 4
 - .. _FE-OFDM:
 - ``FE_OFDM``
 - For DVB-T standard
 - ``SYS_DVBT``

```

- .. row 5

- .. _FE-ATSC:

    ``FE_ATSC``

- For ATSC standard (terrestrial) or for DVB-C Annex B (cable) used
  in US.

- ``SYS_ATSC`` (terrestrial) or ``SYS_DVBC_ANNEX_B`` (cable)

```

Newer formats like DVB-S2, ISDB-T, ISDB-S and DVB-T2 are not described at the above, as they're supported via the new `ref:FE_GET_PROPERTY/FE_GET_SET_PROPERTY <FE_GET_PROPERTY>` ioctl's, using the `ref:DTV_DELIVERY_SYSTEM <DTV-DELIVERY-SYSTEM>` parameter.

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-type-t.rst, line 73); [backlink](#)

Unknown interpreted text role "ref".

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-type-t.rst, line 73); [backlink](#)

Unknown interpreted text role "ref".

In the old days, struct `ctype:dvb_frontend_info` used to contain `fe_type_t` field to indicate the delivery systems, filled with either `FE_QPSK`, `FE_QAM`, `FE_OFDM` or `FE_ATSC`. While this is still filled to keep backward compatibility, the usage of this field is deprecated, as it can report just one delivery system, but some devices support multiple delivery systems. Please use `ref:DTV_ENUM_DELSYS <DTV-ENUM-DELSYS>` instead.

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-type-t.rst, line 79); [backlink](#)

Unknown interpreted text role "ctype".

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-type-t.rst, line 79); [backlink](#)

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On devices that support multiple delivery systems, struct `ctype:dvb_frontend_info::fe_type_t` is filled with the currently standard, as selected by the last call to `ref:FE_SET_PROPERTY <FE_GET_PROPERTY>` using the `ref:DTV_DELIVERY_SYSTEM <DTV-DELIVERY-SYSTEM>` property.

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-type-t.rst, line 87); [backlink](#)

Unknown interpreted text role "ctype".

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-type-t.rst, line 87); [backlink](#)

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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-type-t.rst, line 87); [backlink](#)

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