media open()

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\linux-master\Documentation\userspace-api\media\mediactl\[linux-master][Documentation][userspace-api][media][mediactl]media-func-open.rst, line 2)

Unknown directive type "c:namespace".

```
.. c:namespace:: MC
```

Name

media-open - Open a media device

Synopsis

```
#include <fcntl.h>
```

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Unknown directive type "c:function".

```
.. c:function:: int open( const char *device_name, int flags )
```

Arguments

`device_name`
: Device to be opened.

`flags`
: Open flags. Access mode must be either `O_RDONLY` or `O_RDWR`. Other flags have no effect.

Description

To open a media device applications call :c:func:`open()` with the desired device name. The function has no side effects; the device configuration remain unchanged.

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Unknown interpreted text role "c:func".

When the device is opened in read-only mode, attempts to modify its configuration will result in an error, and `errno` will be set to EBADF.

Return Value

:c:func:`open()` returns the new file descriptor on success. On error, -1 is returned, and `errno` is set appropriately. Possible error codes are:

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Unknown interpreted text role "c:func".

EACCES
: The requested access to the file is not allowed.

EMFILE
: The process already has the maximum number of files open.

ENFILE
: The system limit on the total number of open files has been reached.

ENOMEM
: Insufficient kernel memory was available.

ENXIO
: No device corresponding to this device special file exists.