

explain\_filename\_from\_fildes(3)

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**NAME**

explain\_filename\_from\_fildes – obtain filename from file descriptor

**SYNOPSIS**

```
#include <libexplain/filename.h>
```

```
int explain_filename_from_fildes(int fildes, char *data, size_t data_size);
```

```
int explain_filename_from_stream(FILE *stream, char *data, size_t data_size);
```

**DESCRIPTION**

The *explain\_filename\_from\_fildes* function may be used to obtain the name of the file associated with the file descriptor.

The *explain\_filename\_from\_stream* function may be used to obtain the name of the file associated with a file stream.

The filename is returned in the array pointed to by *data*. The filename will always be NUL terminated. If the returned filename is longer than *data\_size*, it will be silently truncated; a size of at least (PATH\_MAX + 1) is suggested.

On success, returns zero. If the file name cannot be determined, returns -1 (but does **not** set *errno*.)

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libexplain version 1.4

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