

NAME

dwarf_new_fde - allocate a DWARF frame descriptor

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

```
#include <libdwarf.h>
```

```
Dwarf_P_Fde
```

```
dwarf_new_fde(Dwarf_P_Debug dbg, Dwarf_Error *err);
```

DESCRIPTION

Function **dwarf_new_fde**() allocates a new DWARF frame descriptor.

Argument *dbg* should reference a DWARF producer instance allocated using **dwarf_producer_init**(3) or **dwarf_producer_init_b**(3).

If argument *err* is not NULL, it will be used to store error information in case of an error.

RETURN VALUES

On success, function **dwarf_new_fde**() returns the newly created frame descriptor. In case of an error, function **dwarf_new_fde**() returns DW_DLV_BADADDR and sets the argument *err*.

ERRORS

Function **dwarf_new_fde**() can fail with:

[DW_DLE_ARGUMENT] Argument *dbg* was NULL.

[DW_DLE_MEMORY] An out of memory condition was encountered during the execution of the function.

SEE ALSO

dwarf(3), **dwarf_add_fde_inst**(3), **dwarf_add_frame_cie**(3), **dwarf_add_frame_fde**(3), **dwarf_add_frame_fde_b**(3), **dwarf_fde_cfa_offset**(3)