

NAME

dwarf_get_fde_n - retrieve FDE descriptor

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

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

int

```
dwarf_get_fde_n(Dwarf_Fde *fdelist, Dwarf_Unsigned fde_index, Dwarf_Fde *ret_fde,  
Dwarf_Error *err);
```

DESCRIPTION

Function **dwarf_get_fde_n**() retrieves an FDE descriptor from an array of FDE descriptors.

Argument *fdelist* should point to an array of FDE descriptors, as returned by the functions **dwarf_get_fde_list**(3) or **dwarf_get_fde_list_eh**(3).

Argument *fde_index* specifies the 0-based index of the desired FDE descriptor.

Argument *ret_fde* should point to a location that will hold the returned FDE descriptor.

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

RETURN VALUES

Function **dwarf_get_fde_n**() returns DW_DLV_OK when it succeeds. It returns DW_DLV_NO_ENTRY if the FDE descriptor index specified by argument *fde_index* is out of range. In case of an error, it returns DW_DLV_ERROR and sets the argument *err*.

ERRORS

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

[DW_DLE_ARGUMENT] Either of the arguments *fdelist* or *ret_fde* was NULL.

[DW_DLE_NO_ENTRY] The FDE descriptor index specified by argument *fde_index* was out of range.

SEE ALSO

dwarf(3), **dwarf_get_cie_of_fde**(3), **dwarf_get_fde_at_pc**(3), **dwarf_get_fde_info_for_all_regs**(3),

dwarf_get_fde_info_for_all_regs(3), dwarf_get_fde_info_for_cfa_reg(3),
dwarf_get_fde_info_for_reg(3), dwarf_get_fde_info_for_reg3(3), dwarf_get_fde_instr_bytes(3),
dwarf_get_fde_list(3), dwarf_get_fde_list_eh(3), dwarf_get_fde_range(3)