

NAME

dwarf_fde_cfa_offset - add a DW_CFA_offset frame instruction to a DWARF frame descriptor

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

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

```
Dwarf_P_Fde
```

```
dwarf_fde_cfa_offset(Dwarf_P_Fde fde, Dwarf_Unsigned reg, Dwarf_Signed offset, Dwarf_Error *err);
```

DESCRIPTION

Function **dwarf_fde_cfa_offset**() appends a DW_CFA_offset frame instruction to the frame descriptor referenced by argument *fde*.

Argument *fde* should reference a frame descriptor allocated using **dwarf_new_fde**(3).

Argument *reg* specifies the register operand for the frame instruction.

Argument *offset* specifies the offset operand for the frame instruction.

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_fde_cfa_offset**() returns the frame descriptor given in argument *fde*. In case of an error, function **dwarf_fde_cfa_offset**() returns DW_DLV_BADADDR and sets the argument *err*.

ERRORS

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

[DW_DLE_ARGUMENT] Argument *fde* 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_new_fde**(3)