

**NAME**

**dwarf\_get\_cie\_of\_fde** - retrieve CIE descriptor

**LIBRARY**

DWARF Access Library (libdwarf, -ldwarf)

**SYNOPSIS**

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

*int*

```
dwarf_get_cie_of_fde(Dwarf_Fde fde, Dwarf_Cie *ret_cie, Dwarf_Error *err);
```

**DESCRIPTION**

Function **dwarf\_get\_cie\_of\_fde**() retrieves the CIE descriptor associated with a given FDE descriptor.

Argument *fde* should reference a valid FDE descriptor.

Argument *ret\_cie* should point to a location that will hold the returned CIE 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\_cie\_of\_fde**() returns DW\_DLV\_OK when it succeeds. In case of an error, it returns DW\_DLV\_ERROR and sets the argument *err*.

**ERRORS**

Function **dwarf\_get\_cie\_of\_fde**() can fail with:

[DW\_DLE\_ARGUMENT] Either of arguments *fde* or *ret\_cie* was NULL.

**SEE ALSO**

dwarf(3), dwarf\_get\_cie\_index(3), dwarf\_get\_cie\_info(3), dwarf\_get\_fde\_at\_pc(3), dwarf\_get\_fde\_n(3)