

NAME

dwarf_get_arange_cu_header_offset, **dwarf_get_cu_die_offset** - retrieve compilation unit offsets

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

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

int

```
dwarf_get_arange_cu_header_offset(Dwarf_Arange ar, Dwarf_Off *ret, Dwarf_Error *err);
```

int

```
dwarf_get_cu_die_offset(Dwarf_Arange ar, Dwarf_Off *ret, Dwarf_Error *err);
```

DESCRIPTION

These functions retrieve the offsets, relative to the ".debug_info" DWARF section, of the debugging information entries describing the compilation unit associated with a *Dwarf_Arange* descriptor.

Function **dwarf_get_arange_cu_header_offset()** retrieves the offset of the compilation unit header associated with argument *ar*, and stores it in the location pointed to by argument *ret*.

Function **dwarf_get_cu_die_offset()** retrieves the offset of the debugging information entry for the compilation unit associated with argument *ar*, and stores it in the location pointed to by argument *ret*.

If argument *err* is not NULL, these functions will use it to store error information, in case of an error.

RETURN VALUES

On success, these functions returns DW_DLV_OK. In case of an error, they return DW_DLV_ERROR and set the argument *err*.

ERRORS

These functions may fail with:

[DW_DLE_ARGUMENT] Argument *ar* was not a valid *Dwarf_Arange* descriptor.

[DW_DLE_ARGUMENT] Argument *ret* was NULL.

SEE ALSO

dwarf(3), dwarf_get_arange(3), dwarf_get_arange_info(3), dwarf_get_aranges(3)