

**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)