NAME

dwarf_formudata, **dwarf_formsdata** - return the value of a CONSTANT class attribute

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

#include <libdwarf.h>

int
dwarf_formudata(*Dwarf_Attribute attr*, *Dwarf_Unsigned *ret*, *Dwarf_Error *err*);

int
dwarf_formsdata(*Dwarf_Attribute attr*, *Dwarf_Signed *ret*, *Dwarf_Error *err*);

DESCRIPTION

These functions return the value associated with a DWARF attribute describing a constant.

Function **dwarf_formudata**() sets the location pointed to by argument *ret* to the value of the attribute referenced by argument *attr*, treating the value as an unsigned quantity. Argument *attr* must have one of the following forms: DW_FORM_data1, DW_FORM_data2, DW_FORM_data4, DW_FORM_data8 and DW_FORM_udata.

Function **dwarf_formsdata**() sets the location pointed to by argument *ret* to the value of the attribute referenced by argument *attr*, appropriately sign extended. Argument *attr* must have one of the following forms: DW_FORM_data1, DW_FORM_data2, DW_FORM_data4, DW_FORM_data8 and DW_FORM_sdata.

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

RETURN VALUES

These functions return DW_DLV_OK on success. In case of an error, they return DW_DLV_ERROR and set argument *err*.

ERRORS

These functions may fail with the following errors:

[DW_DLE_ARGUMENT]   Either of arguments *attr* or *ret* was NULL.

[DW_DLE_ATTR_FORM_BAD]   The attribute referenced by argument *attr* was not of a permitted

kind.

SEE ALSO

dwarf(3), dwarf_attr(3), dwarf_formblock(3), dwarf_formflag(3), dwarf_formref(3), dwarf_formsig8(3), dwarf_formstring(3), dwarf_hasattr(3)