NAME

dwarf_formsig8 - return the 64-bit type signature for a DWARF type

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

#include <libdwarf.h>

int
dwarf_formsig8(*Dwarf_Attribute attr*, *Dwarf_Sig8 *ret*, *Dwarf_Error *err*);

DESCRIPTION

Function **dwarf_formsig8**() sets the location pointed to by argument *ret* to the 64-bit type signature that is the value of the attribute referenced by argument *attr*. The form of argument *attr* must be DW_FORM_ref_sig8.

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

RETURN VALUES

Function **dwarf_formsig8**() returns DW_DLV_OK on success. In case of an error, it returns DW_DLV_ERROR and sets argument *err*.

ERRORS

Function **dwarf_formsig8**() 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_formflag(3), dwarf_formref(3), dwarf_formsdata(3), dwarf_formstring(3), dwarf_formudata(3), dwarf_hasattr(3)

HISTORY

Type signatures were added in version 4 of the DWARF specification.