NAME

dwarf_get_address_size - return the number of bytes needed to represent an address

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

#include <libdwarf.h>

int
dwarf_get_address_size(*Dwarf_Debug dbg*, *Dwarf_Half *addr_size*, *Dwarf_Error *err*);

DESCRIPTION

Function **dwarf_get_address_size**() returns the size in bytes of a native address for a program object.

Argument *dbg* should denote a DWARF debug context created from a program object using dwarf_init(3). Argument *addr_size* should point to a location that will hold the returned size. Argument *err*, if non-NULL, it will be used to return error information.

RETURN VALUES

On success, function **dwarf_tag**() returns DW_DLV_OK. In case of an error, it returns DW_DLV_ERROR and sets argument *err*.

ERRORS

Function **dwarf_get_address_size**() can fail with the following error:

[DW_DLE_ARGUMENT]   Either of arguments *dbg* or *addr_size* was NULL.

SEE ALSO

dwarf(3), dwarf_finish(3), dwarf_init(3)