NAME

dwarf_lne_set_address - set the base address for line number information

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

#include <libdwarf.h>

Dwarf_Unsigned
dwarf_lne_set_address(*Dwarf_P_Debug dbg*, *Dwarf_Addr off*, *Dwarf_Unsigned symndx*,
    *Dwarf_Error *err*);

DESCRIPTION

Function **dwarf_lne_set_address**() sets the base address used by subsequent invocations of the
dwarf_add_line_entry(3) function.

Argument *dbg* should reference a DWARF producer instance allocated using dwarf_producer_init(3) or
dwarf_producer_init_b(3).

Argument *off* specifies a relocatable program address.

Argument *symndx* specifies the index of the ELF symbol to be used for relocation.

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

RETURN VALUES

On success, function **dwarf_lne_set_address**() returns DW_DLV_OK. In case of an error, function
dwarf_lne_set_address() returns DW_DLV_NOCOUNT and sets the argument *err*.

ERRORS

Function **dwarf_lne_set_address**() can fail with:

[DW_DLE_ARGUMENT]   Argument *dbg* was NULL.

[DW_DLE_ARGUMENT]   The argument *symndx* had an illegal value.

[DW_DLE_MEMORY]   An out of memory condition was encountered during the execution of the
                      function.

SEE ALSO

dwarf(3), dwarf_add_directory_decl(3), dwarf_add_file_decl(3), dwarf_add_line_entry(3), dwarf_lne_end_sequence(3), dwarf_producer_init(3), dwarf_producer_init_b(3)