

NAME

dwarf_get_section_max_offsets, **dwarf_get_section_max_offsets_b** - return the size of DWARF sections

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

```
#include <libdwarf.h>
```

int

```
dwarf_get_section_max_offsets(Dwarf_Debug dbg, Dwarf_Unsigned *debug_info,
    Dwarf_Unsigned *debug_abbrev, Dwarf_Unsigned *debug_line, Dwarf_Unsigned *debug_loc,
    Dwarf_Unsigned *debug_aranges, Dwarf_Unsigned *debug_macinfo,
    Dwarf_Unsigned *debug_pubnames, Dwarf_Unsigned *debug_str, Dwarf_Unsigned *debug_frame,
    Dwarf_Unsigned *debug_ranges, Dwarf_Unsigned *debug_pubtypes);
```

int

```
dwarf_get_section_max_offsets_b(Dwarf_Debug dbg, Dwarf_Unsigned *debug_info,
    Dwarf_Unsigned *debug_abbrev, Dwarf_Unsigned *debug_line, Dwarf_Unsigned *debug_loc,
    Dwarf_Unsigned *debug_aranges, Dwarf_Unsigned *debug_macinfo,
    Dwarf_Unsigned *debug_pubnames, Dwarf_Unsigned *debug_str, Dwarf_Unsigned *debug_frame,
    Dwarf_Unsigned *debug_ranges, Dwarf_Unsigned *debug_pubtypes,
    Dwarf_Unsigned *debug_types);
```

DESCRIPTION

Function **dwarf_get_section_max_offsets_b()** retrieves the sizes of the DWARF sections in a DWARF debug context. Argument *dbg* should reference a DWARF debug context allocated using **dwarf_init(3)**. The function stores the size of each DWARF section to the location pointed to by the argument corresponding to the section name. If a DWARF section does not exist, the location pointed to by the argument corresponding to that section will be set to zero.

A value of NULL may be used for any of the arguments *debug_info*, *debug_abbrev*, *debug_line*, *debug_loc*, *debug_aranges*, *debug_macinfo*, *debug_pubnames*, *debug_str*, *debug_frame*, *debug_ranges*, *debug_pubtypes* and *debug_types* if the caller is not interested in the respective section size.

Function **dwarf_get_section_max_offsets()** is identical to function **dwarf_get_section_max_offsets_b()** except that it does not provide argument *debug_types*, and thus cannot return the size of the ".debug_types" section.

RETURN VALUES

On success, these functions return DW_DLV_OK. If argument *dbg* is NULL, they return DW_DLV_ERROR.

SEE ALSO

dwarf(3), dwarf_init(3)