

Changes to libdwarf and Related Files

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With the switch from date versioning to semantic versioning there are substantial changes including API changes. There is more to come. The most recent changes appear first here.

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Dwarfdump, dwarfdump.1: The “-o”, “--reloc”, “--elf”, “-E” options have been removed. As well as the related “-o[arfilopR]” and “-E[ardIfhilomptRxs]” and all options beginning with --elf. There are better tools for printing object file sections than existed in dwarfdump. GNU readelf and the readelfobj project on github.com and sourceforge.net are among the possibilities.

libdwarf.h: The DW_PR macro defines used to print integers from dwarfdump have been moved to “libdwarf_private.h” along with a small number of other #defines. None of that belonged in the API. That tiny “libdwarf_private.h” is placed in the public domain so if you need the DW_PR macros you can copy libdwarf_private.h freely.

The three functions that once had “struct Elf *” in the argument list now have “void *” and no longer do anything except return an error. libdwarf does not use libelf anywhere.

Directories: The directory structure is completely changed and follows current standard source tree arrangements. Among other things the documentation is in “doc/” and the test code is in “test/”.