

**NAME**

**dwarf\_producer\_set\_isa** - specify the instruction set architecture for a DWARF producer instance

**LIBRARY**

DWARF Access Library (libdwarf, -ldwarf)

**SYNOPSIS**

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

*int*

```
dwarf_producer_set_isa(Dwarf_P_Debug dbg, enum Dwarf_ISA isa, Dwarf_Error *err);
```

**DESCRIPTION**

The function **dwarf\_producer\_set\_isa()** sets the instruction set architecture for a DWARF producer instance.

Argument *dbg* should reference a DWARF producer instance allocated using one of the functions `dwarf_producer_init(3)` or `dwarf_producer_init_b(3)`.

Argument *isa* specifies the desired instruction set architecture. Legal values for this argument are those defined by the *enum Dwarf\_ISA* enumeration defined in the header file `<libdwarf.h>`.

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

**RETURN VALUES**

On success, the function **dwarf\_producer\_set\_isa()** returns `DW_DLX_OK`. In case of an error, this function returns `DW_DLX_ERROR` and sets the argument *err*.

**COMPATIBILITY**

The **dwarf\_producer\_set\_isa()** function is a local extension.

**ERRORS**

The **dwarf\_producer\_set\_isa()** function can fail with:

[DW\_DLE\_ARGUMENT] The argument *dbg* was NULL.

[DW\_DLE\_ARGUMENT] The argument *isa* was invalid.

**SEE ALSO**

`dwarf(3)`, `dwarf_producer_init(3)`, `dwarf_producer_init_b(3)`