

StreamDevice: mbbiDirect Records

Normal Operation

Depending on the format type, different record fields are used for output and input. The variable x stands for the written or read value.

DOUBLE format (e.g. %f):
Not allowed.

LONG format (e.g. %i):

If $MASK == 0$ (because NOBT is not set):

Output: $x = VAL$

Input: $VAL = x$

If $MASK != 0$:

Output: $x = RVAL \& MASK$

Input: $RVAL = x \& MASK$

$MASK$ is initialized to NOBT 1-bits shifted left by SHFT.

ENUM format (e.g. %{}):
Not allowed.

STRING format (e.g. %s):
Not allowed.

Initialization

During initialization, the @init handler is executed, if present. All format converters work like in normal operation.

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Dirk Zimoch, 2005