

ddebug_lib

COLLABORATORS

	<i>TITLE :</i> ddebug_lib		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	ddebug_lib	1
1.1	ddebug_lib.doc	1
1.2	ddebug.lib/DDoFmt	1
1.3	ddebug.lib/DGetChar	2
1.4	ddebug.lib/DGetNum	2
1.5	ddebug.lib/DMayGetChar	2
1.6	ddebug.lib/DPutChar	2
1.7	ddebug.lib/DPutFmt	3
1.8	ddebug.lib/DPutStr	3
1.9	ddebug.lib/KCmpStr	3

Chapter 1

ddebug_lib

1.1 ddebug_lib.doc

```
DDoFmt ()
DGetChar ()
DGetNum ()
DMayGetChar ()
DPutChar ()
DPutFmt ()
DPutStr ()
KCompStr ()
```

1.2 ddebug.lib/DDoFmt

NAME

DDoFmt -- format data into a character stream.

SYNOPSIS

```
DDoFmt (FormatString, DataStream, PutChProc, PutChData);
      A0      A1      A2      A3
```

FUNCTION

perform "C"-language-like formatting of a data stream, outputting the result a character at a time

INPUTS

FormatString - a "C"-language-like null terminated format string, with the following supported % types:
DataStream - a stream of data that is interpreted according to the format string.
PutChProc - the procedure to call with each character to be output, called as:
 PutChProc(Char, PutChData);
 D0-0:8 A3
the procedure is called with a null Char at the end of the format string.
PutChData - an address register that passes thru to PutChProc.

1.3 ddebug.lib/DGetChar

NAME

DGetChar - get a character from the parallel port

SYNOPSIS

char = DGetChar()

D0

FUNCTION

get the next character from the parallel port.

1.4 ddebug.lib/DGetNum

NAME

DGetNum - get a number from the parallel port

SYNOPSIS

number = DGetNum()

D0

FUNCTION

get a signed decimal integer from the parallel port.

1.5 ddebug.lib/DMayGetChar

NAME

DMayGetChar - return a char iff present, but don't block

SYNOPSIS

flagChar = DMayGetChar()

D0

FUNCTION

return either a -1, saying that there is no char present, or the char that was waiting

1.6 ddebug.lib/DPutChar

NAME

DPutChar - put a character to the parallel port

SYNOPSIS

char = DPutChar(char)

D0 D0

FUNCTION

put a character to the parallel port.

1.7 ddebug.lib/DPutFmt

NAME

DPutFmt - print formatted data to the parallel port

SYNOPSIS

```
DPutFmt(format, values)
        A0      A1
```

FUNCTION

print formatted data to the parallel port

1.8 ddebug.lib/DPutStr

NAME

DPutStr - put a string to the parallel port

SYNOPSIS

```
DPutStr(string)
        A0
```

FUNCTION

put a null terminated string to the parallel port.

1.9 ddebug.lib/KCmpStr

NAME

KCmpStr - compare two null terminated strings

SYNOPSIS

```
mismatch = KCmpStr(string1, string2)
D0      A0      A1
```

FUNCTION

string1 is compared to string2 using the ASCII collating sequence.