

**ddebug\_lib**

<b>COLLABORATORS</b>
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	<i>TITLE :</i> ddebug_lib		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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NUMBER	DATE	DESCRIPTION	NAME

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# 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.

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## 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.