

ddebug_lib

COLLABORATORS

	<i>TITLE :</i> ddebug_lib	
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REVISION HISTORY

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Chapter 1

ddebug_lib

1.1 ddebug_lib.doc

DDoFmt ()	DGetNum ()	DPutChar ()	DPutStr ()
DGetChar ()	DMayGetChar ()	DPutFmt ()	KCmpStr ()

1.2 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 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 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 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 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 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 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 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 coalating sequence.
