

Name: DCSPMT.TXT
 Purpose: Handout for DECUS meeting August 1983
 James Brakefield
 Technology Incorporated
 San Antonio, Texas

NPTLIB.FOR Prompting library

Prompting library index

1	IBQ	Prompt for "byte" value
2	ICHCK	Check first char of reply for "\$", "\", "?" or no reply
3	IFNPMT	Prompt for file name
4	IFNQ	Prompt for file name or any text
5	IFSTG	Convert string to integer
6	IGLOSS	Implement HELP & GLOSSARY facility
7	IITSTG	Convert double precision integer to string
8	IQ	Prompt for integer value
9	IQYN	Prompting for yes/no questions
10	IRF50	File name prompt in read mode
11	IRFSTG	Convert string to real
12	IRQ	Prompt for real value
13	IR2Q	Prompt for two reals
14	IRTSTG	Convert real to string
15	ISYPMT	Prompt for "n" character radix50 symbol
16	ITSTG	Convert integer to string
17	IWF50	File name prompt in write mode
18	NYCHG	Allow selective re-execution of prompts
19	PUNT	Output string with no <CR><LF>

Prompting library interface

C/	Name:	IBQ
C	Purpose:	Prompt for "byte" value
C	Interface:	Fortran function
		FUNCTION IBQ(VAR,UB,LB,QUEST,RADIX)
C		IBQ = ICHCK result
	BYTE	VAR ! result
	INTEGER	UB ! upper bound
	INTEGER	LB ! lower bound
	BYTE	QUEST(1) ! prompt string
	INTEGER	RADIX ! conversion radix(0<, <37)
C.	Description:	Does type conversion on VAR and calls IQ.
C/	Name:	ICHCK
C	Purpose:	Check first char of reply for "\$", "\", "?" or no reply
C	Interface:	
		INTEGER FUNCTION ICHCK(CHAR)
C		ICHCK = 1: not one of the below
C		2: CR (just a carriage return)
C		3: "?" or "HELP" request for more information
C		4: "\" or "SKIP" skip rest of section using default values
C		5: "\$" or "EXIT" exit this section to previous level)
	BYTE	CHAR(4) ! prompt reply
C.	Description:	Trivial
C/	Name:	IFNPMT
C	Purpose:	Prompt for file name
C	Interface:	Fortran function
		FUNCTION IFNPMT(FN,QUEST)