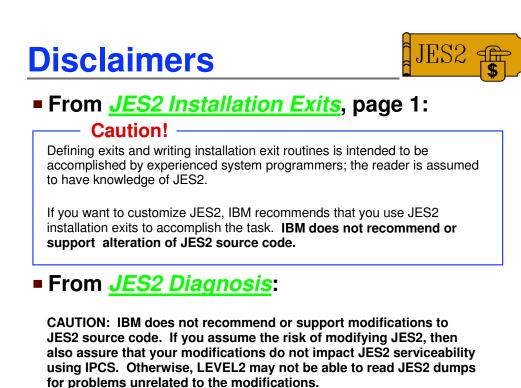


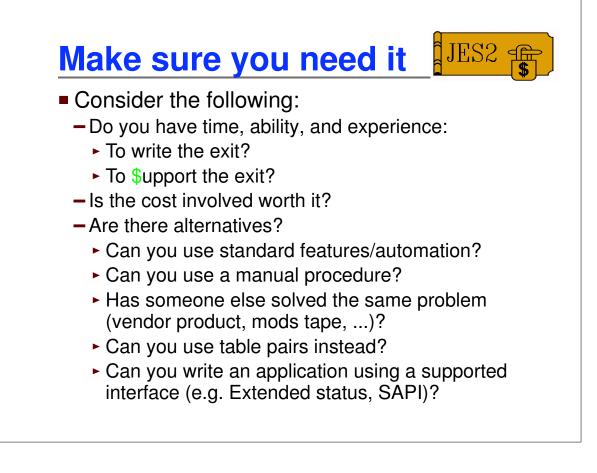
Agenda

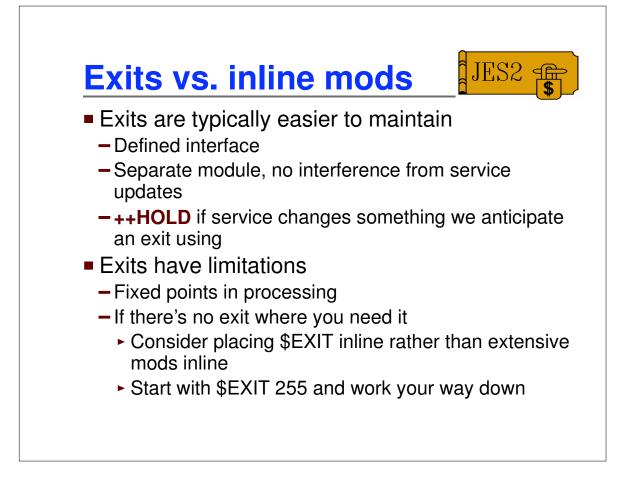


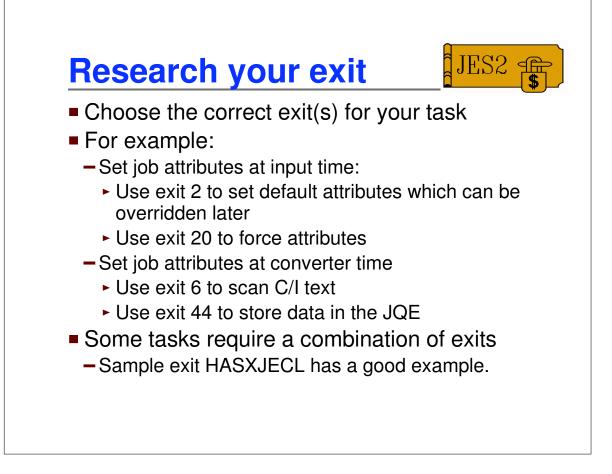
- Planning and researching your exit thoroughly
- Coding your exit
- Loading and enabling your exit
- Debugging your exit

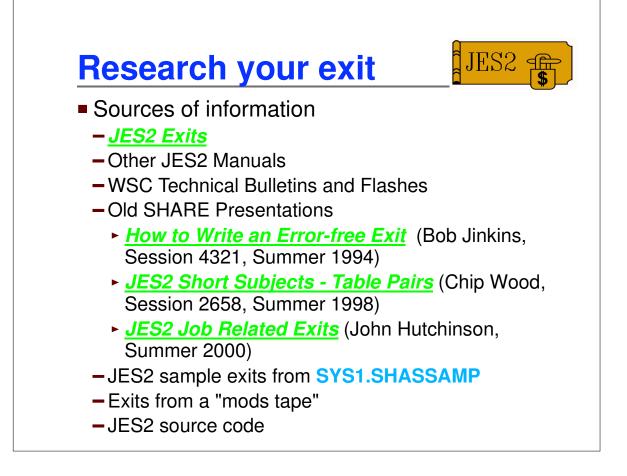


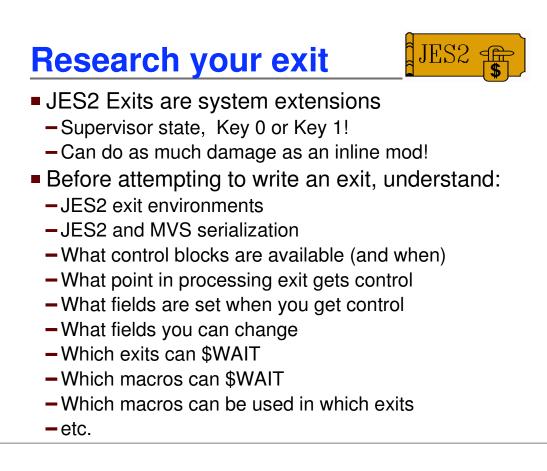
© IBM Corporation 2001

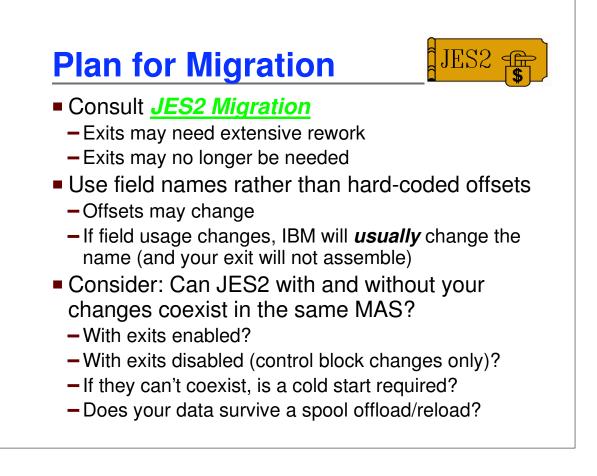


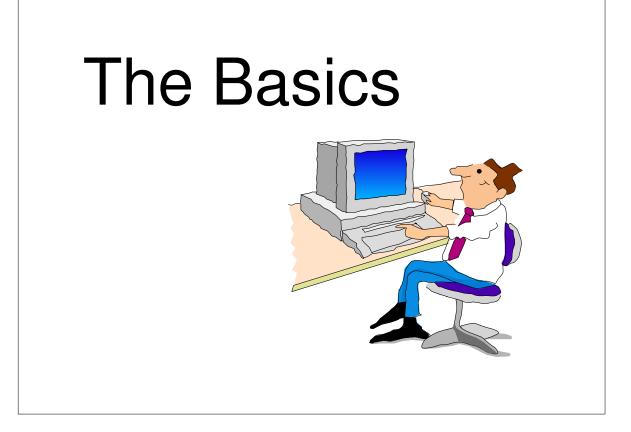


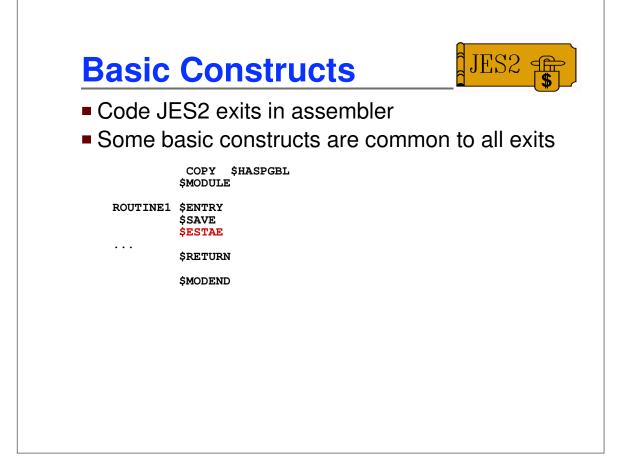


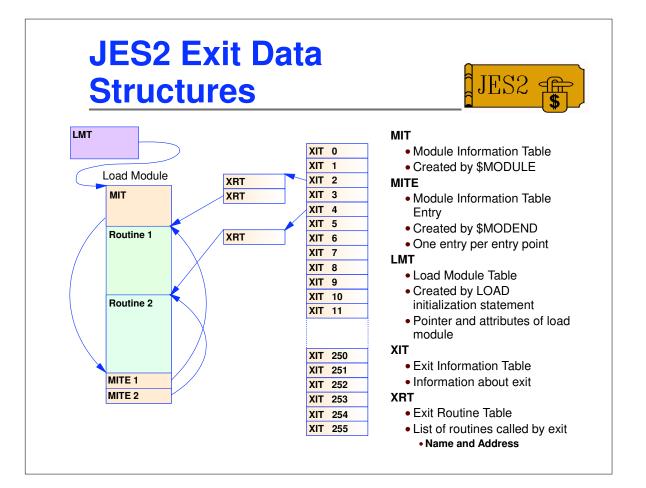


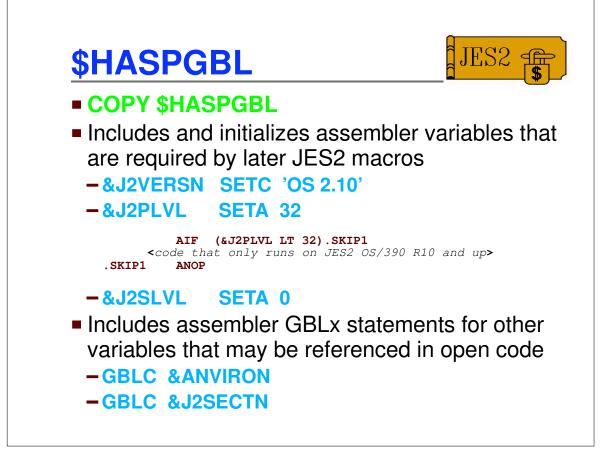


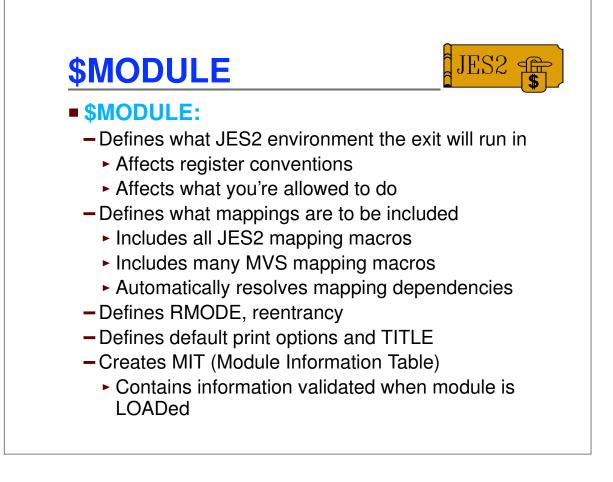


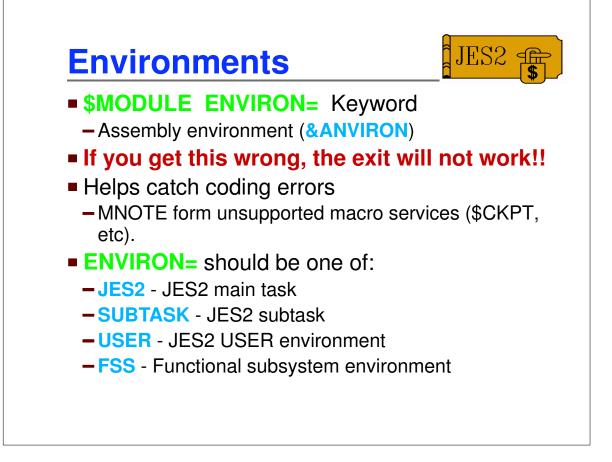


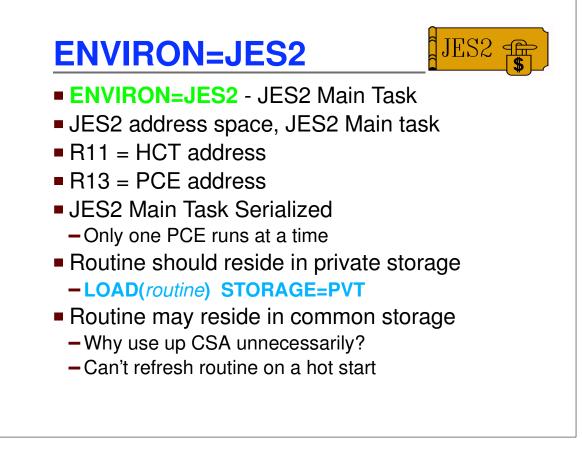


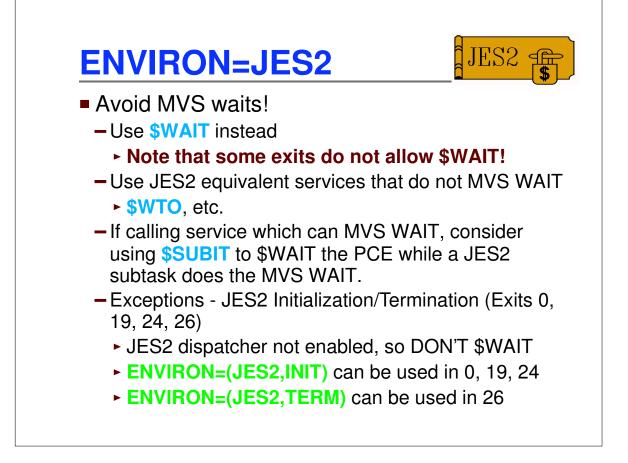


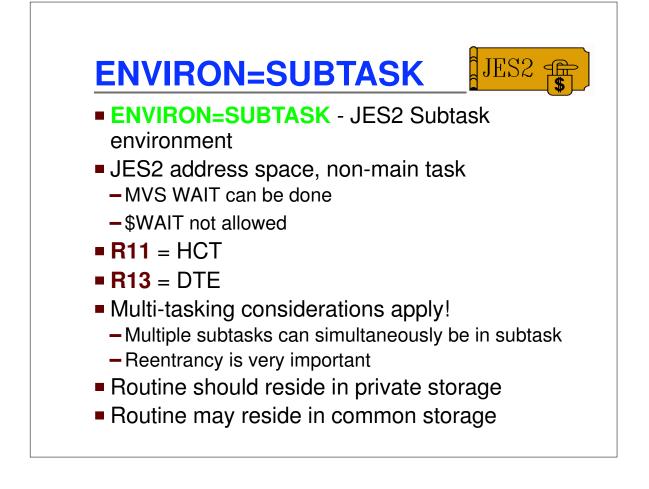


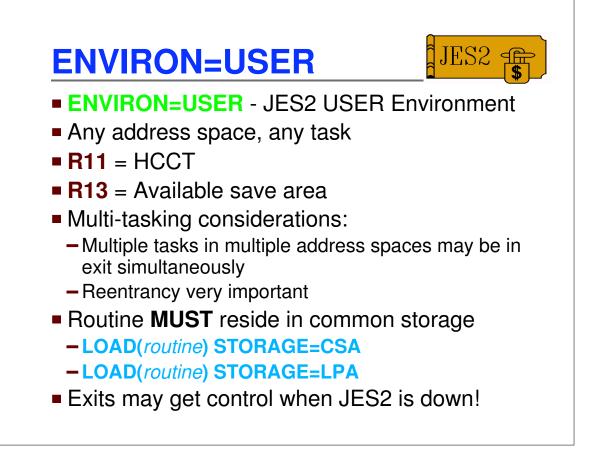








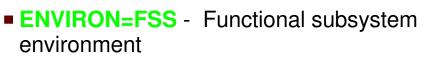




JES2 📻

n n

ENVIRON=FSS



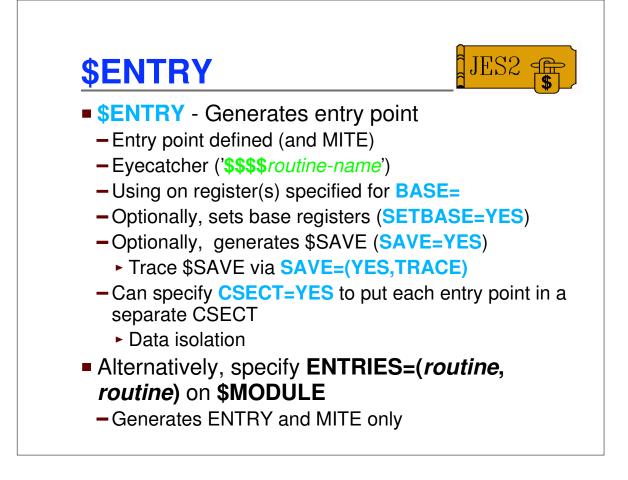
- FSS address space
- **R11** = HFCT
- R13 = Save area
- Routine MUST reside in common storage

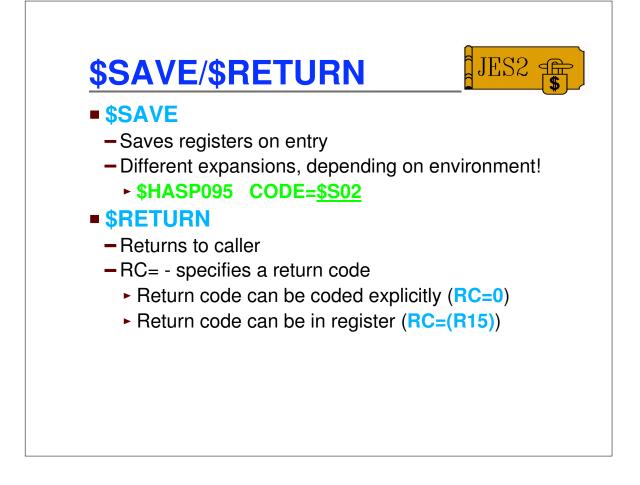
Exits and environments



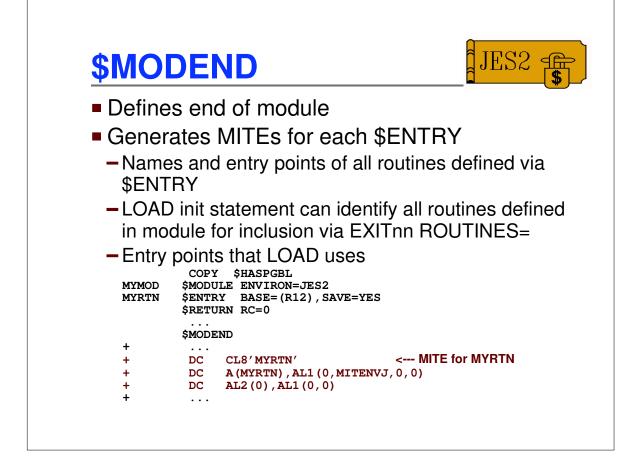
Exit	Environment	Description
0	JES2	Initialization
1	JES2	Separator Page
2	JES2	Job Card
3	JES2	Accounting
4	JES2	JECL Card
5	JES2	Command
6	SUBTASK	Converter
7	JES2	\$CBIO
8	USER	\$CBIO
9	USER	Excession
10	SUBTASK	\$WTO
11	JES2	\$TRACK
12	USER	\$STRAK
13	JES2	Netmail
14	JES2	\$QGET
15	JES2	DS Separator
16	JES2	Notify
17	JES2	BSC Signon
18	JES2	SNA Logon
19	JES2	Init statement
20	JES2	End of input
21	JES2	SMF
22	JES2	Cancel/Status
23	FSS	JSPA Separator
24	JES2	Post-initialization

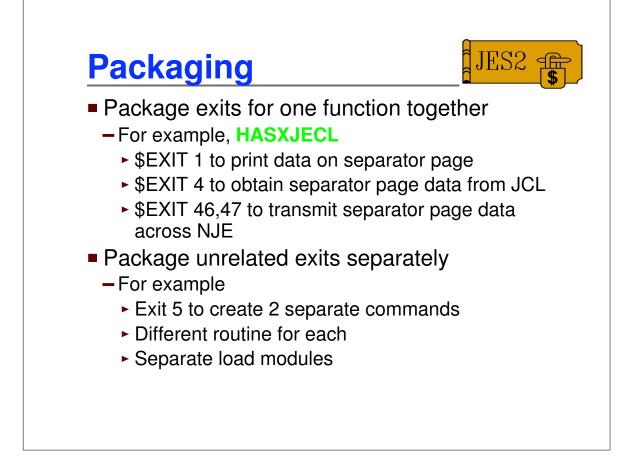
Exit	Environment	Description
25	FSS	JCT I/O
26	JES2	Termination
27	JES2	PCE attach
28	USER	Job Termination
29	USER	End of Memory
30	USER	OPEN
31	USER	Allocation
32	USER	Job Select
33	USER	CLOSE
34	USER	Unallocation
35	USER	End of Task
36	USER	Pre-SAF
37	USER	Post-SAF
38	JES2	TSO Receive SAF
39	JES2	NSR SAF
40	JES2	Modify SYSOUT
41	USER	Generic Grouping
42	USER	Notify SSI
43	USER	APPC
44	JES2	Converter
45	USER	Pre-SJF
46	JES2	NJE Hdr XMIT
47	JES2	NJE Hdr Recv
48	USER	Late Unallocation
49	JES2	QGOT

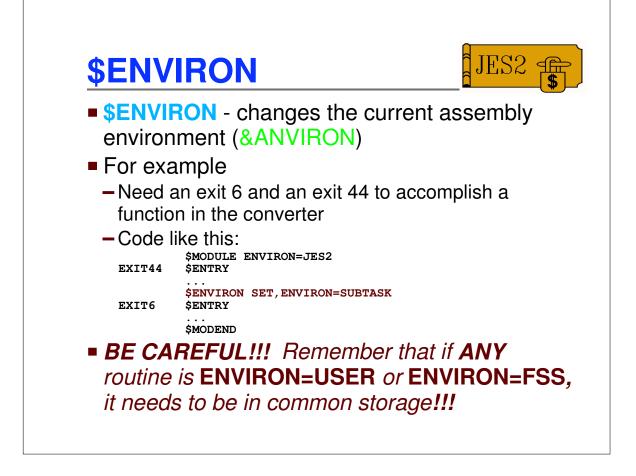


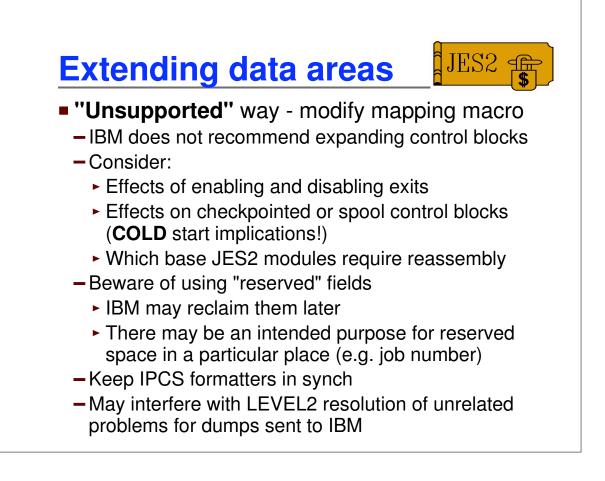


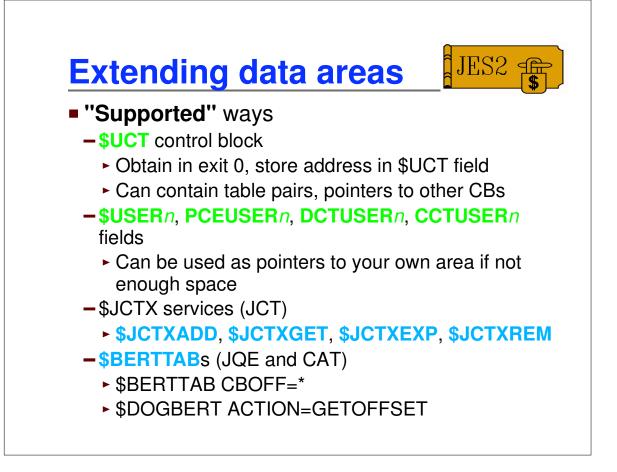
Example	sen	NTRY expansion	sion
-		BASE= (R12, R8), SA	
+	-	MYRTN	< Entry Statement
+MYRTN	DS	0D	< Entry Point
+		MYRTN, R12, R8	< Using for BASE=
+	J	\$EE2185	s congro broz-
+	-	C' \$\$\$\$'	< Evecatcher
+		CL8'MYRTN'	
+\$EE2185			< \$SAVE
+	L	R15, \$PADDR	
+	L	R15, P@GETSAVE-PA	DDR (R15)
+	BASR	R14, R15	
+	J	\$CAL2192	
+	DC	AL1(\$SAVTRC,0)	
+	DC	CL8'MYRTN'	
+\$CAL2192		OH	
+	LM		Cat have veriaters
+	LR		< Set base registers
+ +	LR		
+	AHI	R8,4096	

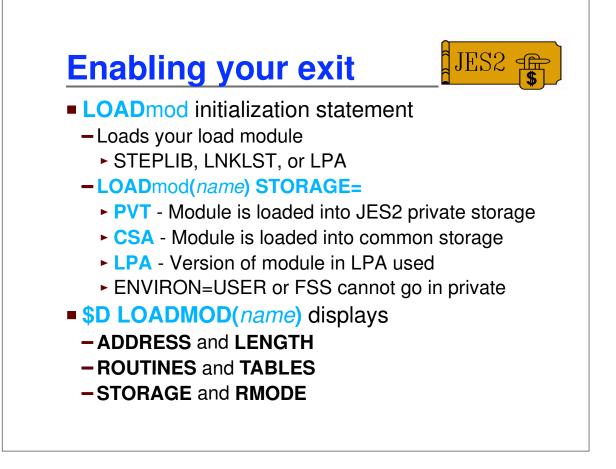


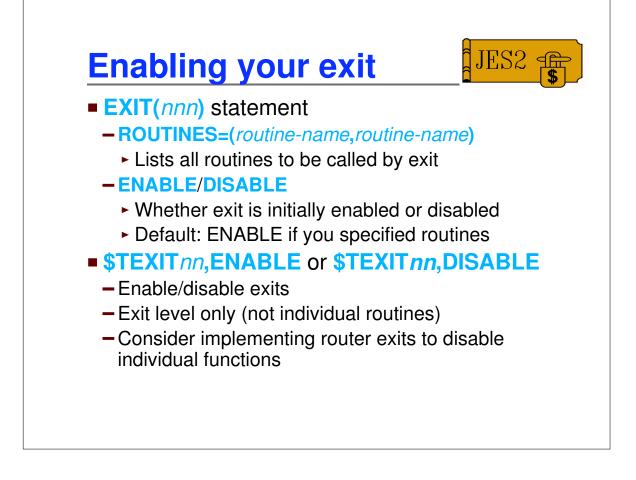


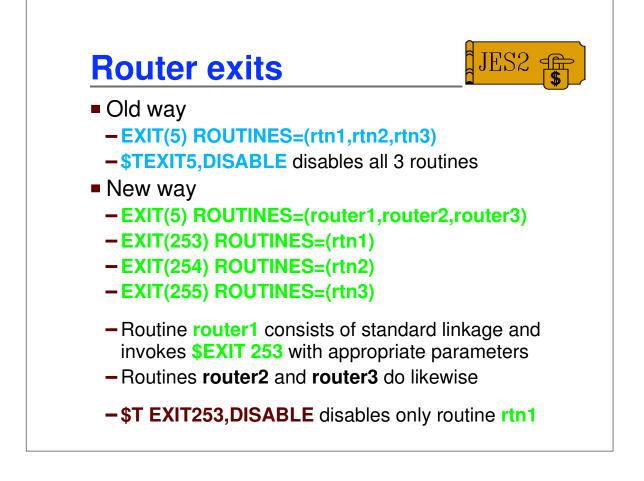








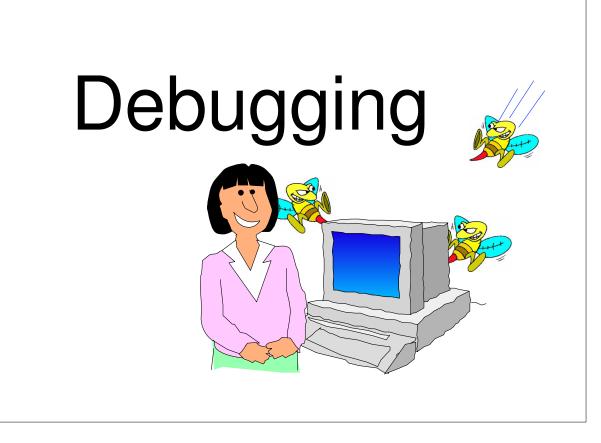


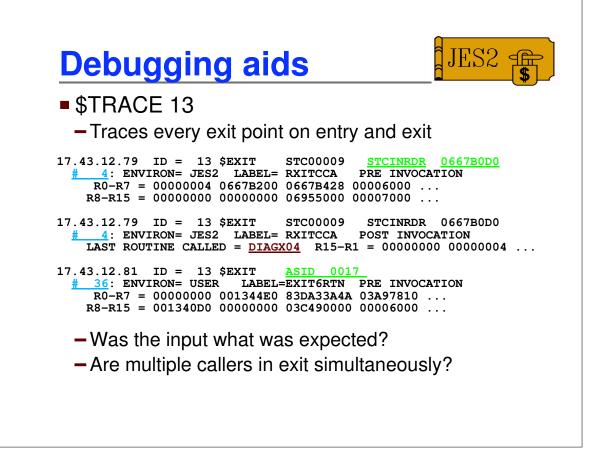


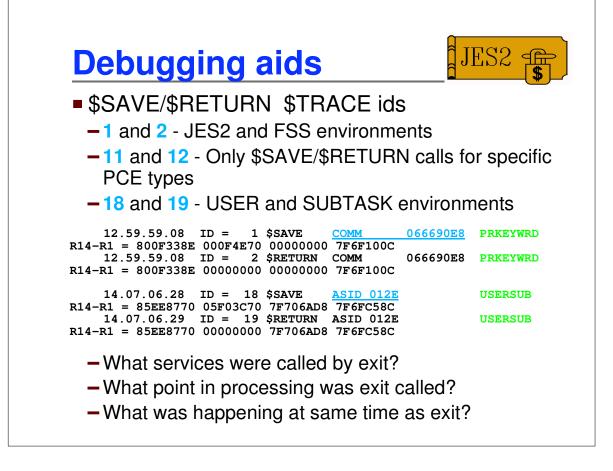
Enabling Exit 0



- Enabling exit 0 is a special case
 - Called <u>BEFORE</u> any EXIT statements can be processed
 - Load module name must be HASPXIT0
 - All routines must begin with the characters EXITO
 - Routines are called in the order found in MITE
 - **DEXIT(0)** displays routines that were called by exit







JES2

Debugging	aids
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SHASP088 message

\$HASP088	JES2 ABEND ANALYSIS	
\$HASP088	FMID = HJE6608 LOAD MODULE = HASJES20	
\$HASP088	SUBSYS = JES2 OS 2.10	
\$HASP088		
\$HASP088	B DESC = PROTECTION EXCEPTION	
\$HASP088		
\$HASP088		
\$HASP088		
\$HASP088	*UNKNOWN 0000004 + 000000 UNKNOWN *ABEND SOC1 7	
\$HASP088		
\$HASP088	}	-

