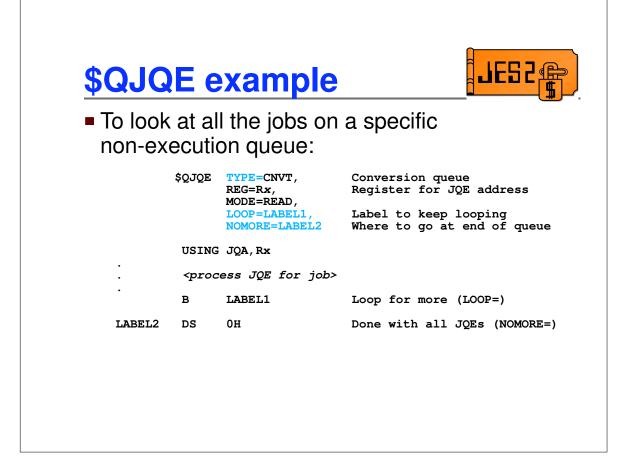
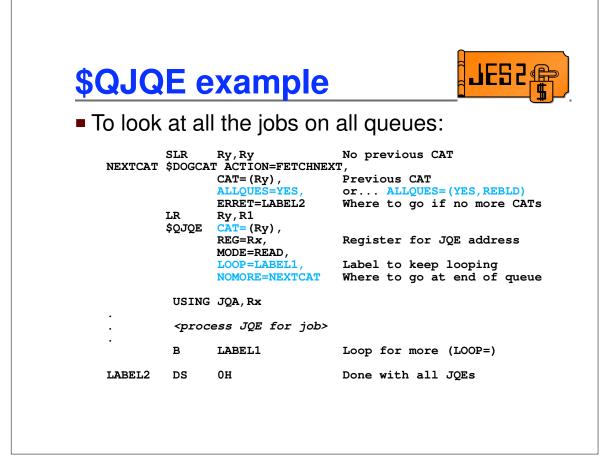


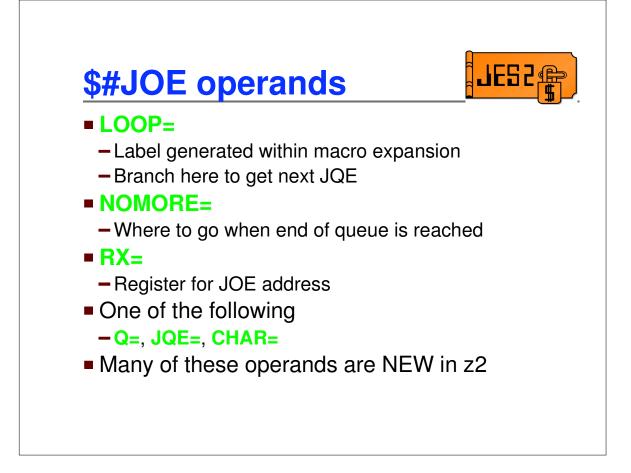
USING JQA,Rx B LABEL1 Loop for more (LOOP=)	class queu	,	n a specific execution
LOOP=LABEL1, NOMORE=LABEL2 USING JQA,Rx B LABEL1 Loop for more (LOOP=)	ŞQJQI		
. <process for="" job="" jqe=""> B LABEL1 Loop for more (LOOP=)</process>		LOOP=LABEL1,	
B LABEL1 Loop for more (LOOP=)	USIN	IG JQA, Rx	
	. <pre>. <pre>. </pre></pre>	cess JQE for job>	>
LABEL2 DS OH Done with all JQEs (NOMORE=	В	LABEL1	Loop for more (LOOP=)
	LABEL2 DS	ОН	Done with all JQEs (NOMORE=)

_	_	ll the jobs on s queue:	a specific WLM
	\$QJQE	SRVCLASS=<8-byte REG=Rx, MODE=READ, LOOP=LABEL1, NOMORE=LABEL2	Register for JQE address Label to keep looping
	USING	JQA, Rx	
•	<pre><pre>c</pre></pre>	cess JQE for job>	
•	в	LABEL1	Loop for more (LOOP=)
LABEL2	DS	ОН	Done with all JQEs (NOMORE=



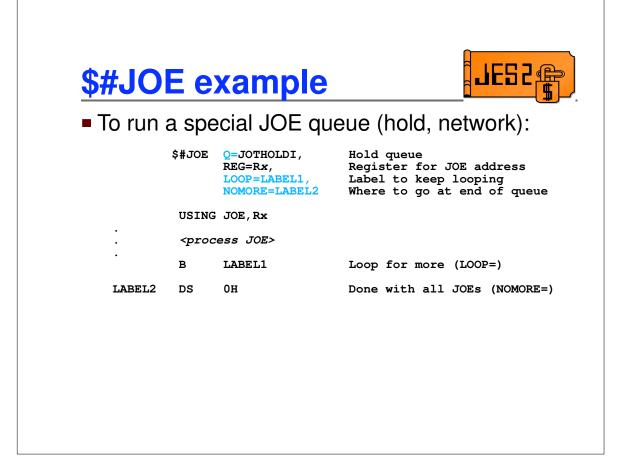
\$QJQ	Ee	xample	
To look queues		I the jobs on	all execution class
NEXTCAT	LR	Ry, Ry T ACTION=FETCHNEX CAT= (Ry), ERRET=LABEL2 Ry, R1 CAT= (Ry), REG=Rx, MODE=READ, LOOP=LABEL1, NOMORE=NEXTCAT	No previous CAT T, Previous CAT Where to go if no more CATs Copy CAT address Register for JQE address Label to keep looping Where to go at end of queue
		JQA, Rx	
•	<proc B</proc 	ess JQE for job> LABEL1	Loop for more (LOOP=)
LABEL2	DS	ОН	Done with all JQEs
	22	UN	Done with all Jors

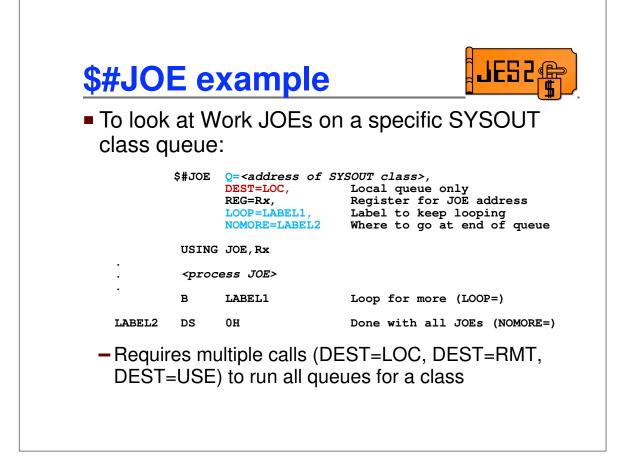


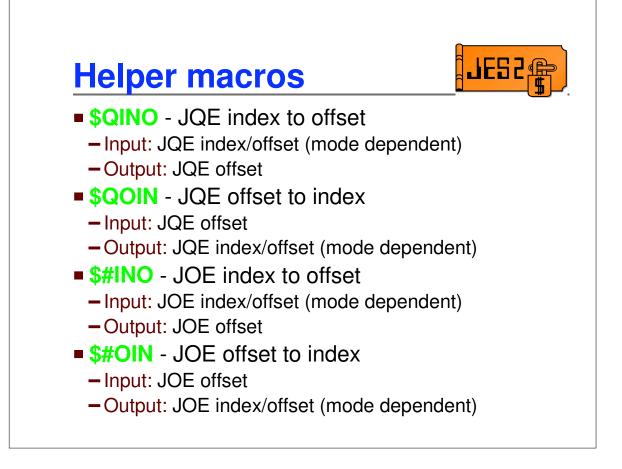


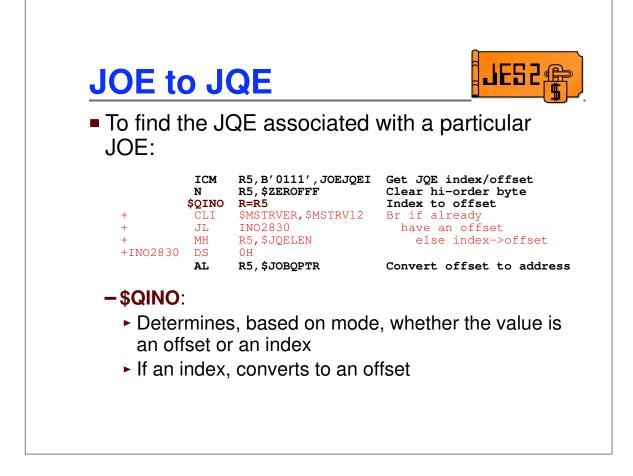
<pre>\$#JOE JQE=<jqe-address>, REG=Rx, Register for JOE address LOOP=LABEL1, Label to keep looping NOMORE=LABEL2 Where to go at end of que USING JOE, Rx <process joe=""> B LABEL1 Loop for more (LOOP=)</process></jqe-address></pre>	To lool particu			ssociated with a
. <process joe=""></process>		\$#JOE	REG=Rx, LOOP=LABEL1,	Register for JOE address Label to keep looping
		USING	JOE, Rx	
B LABEL1 Loop for more (LOOP=)	•	<pre><pre>c</pre></pre>	ess JOE>	
	·	в	LABEL1	Loop for more (LOOP=)
LABEL2 DS OH Done with all JOEs (NOMOF	LABEL2	DS	ОН	Done with all JOEs (NOMORE=

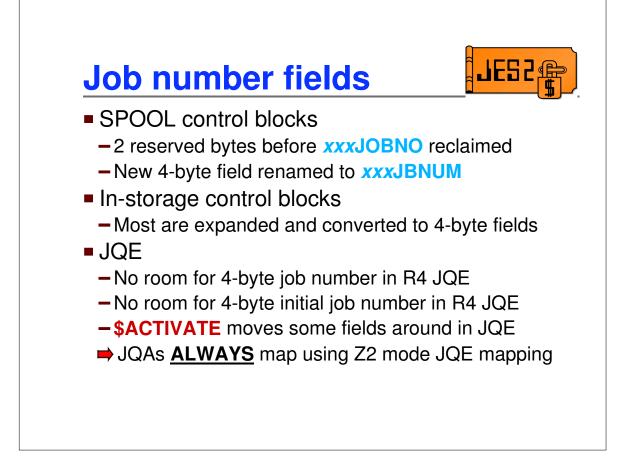
		I the Work-Johanacteristics	OEs associated with a s-JOE:
	\$#JOE	REG=Rx, LOOP=LABEL1,	,
	USING	JOE, Rx	
•	<proc< td=""><td>ess JOE></td><td></td></proc<>	ess JOE>	
·	в	LABEL1	Loop for more (LOOP=)
LABEL2	DS	ОН	Done with all JOEs (NOMORE=)

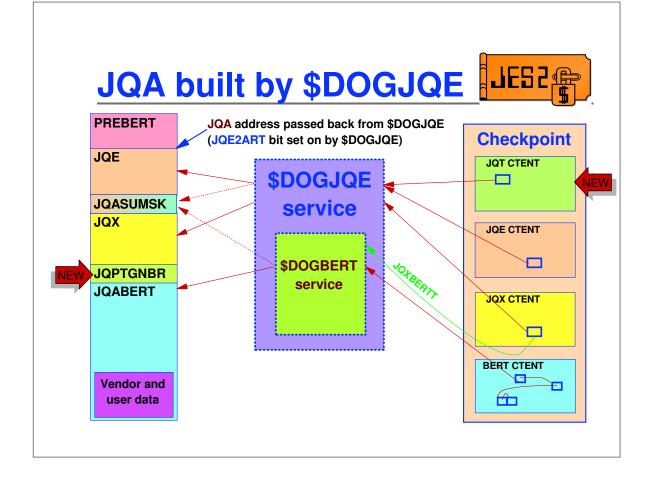


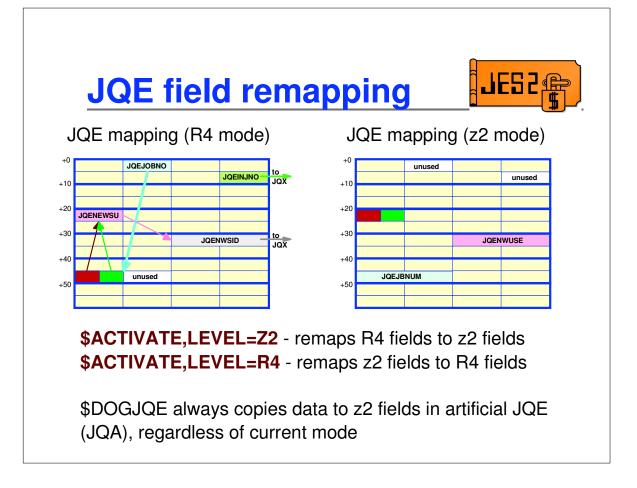


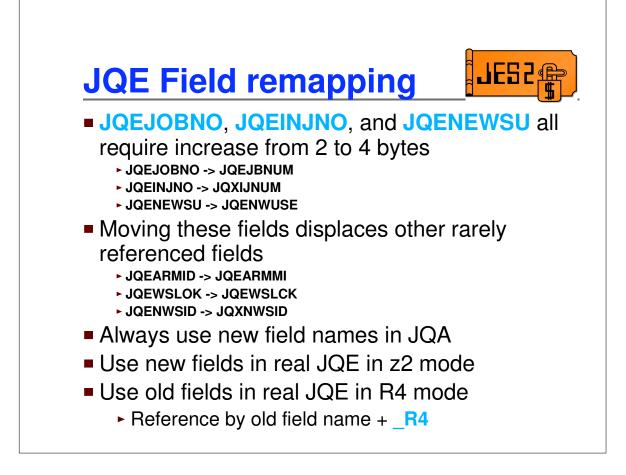


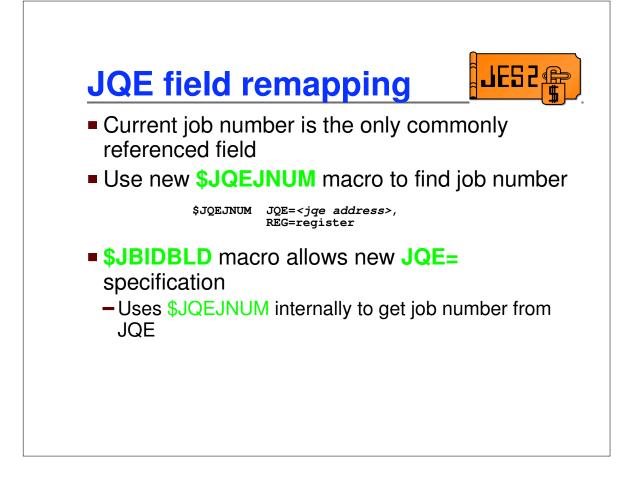


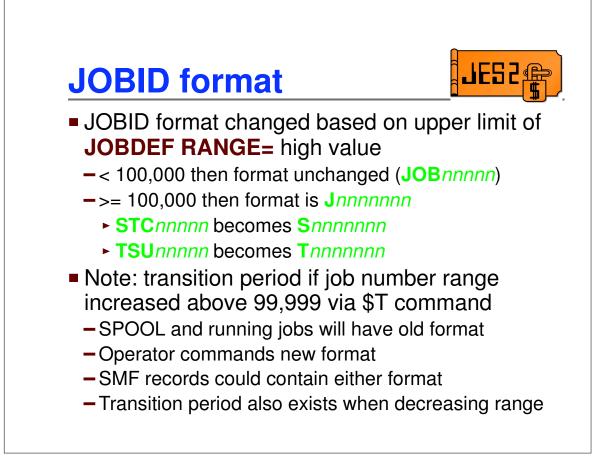


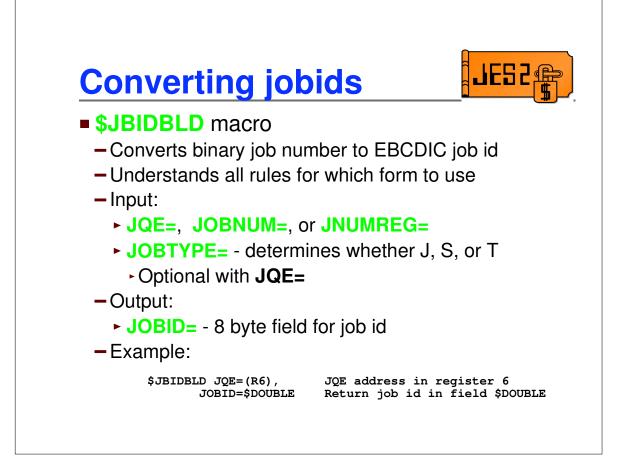


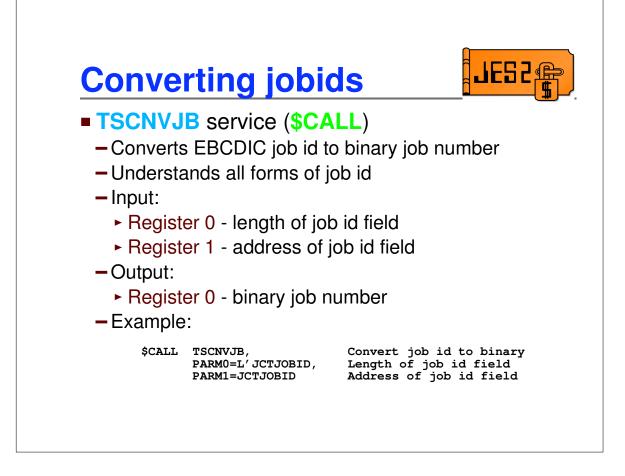


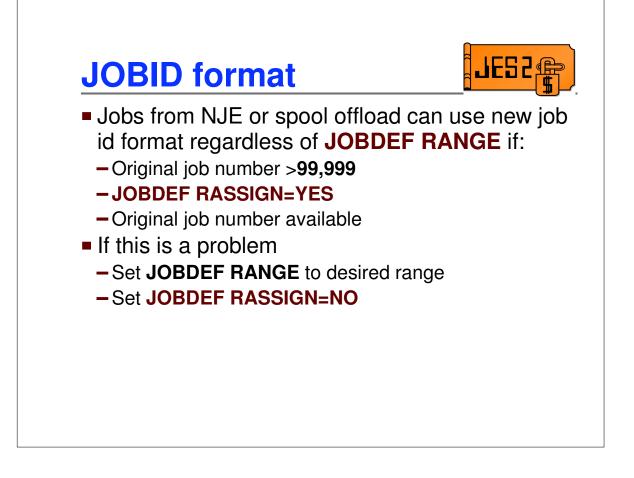


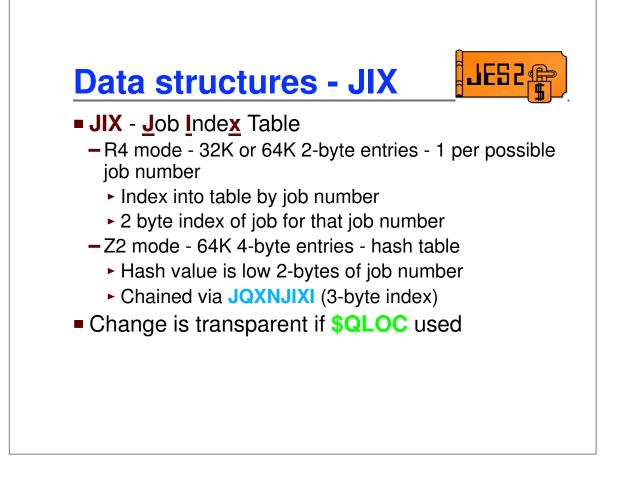


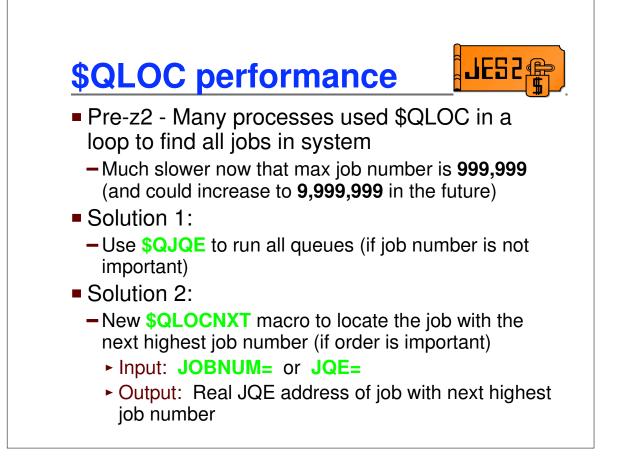


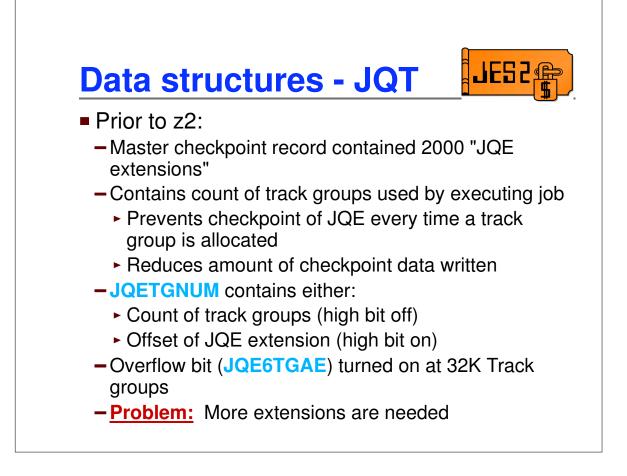


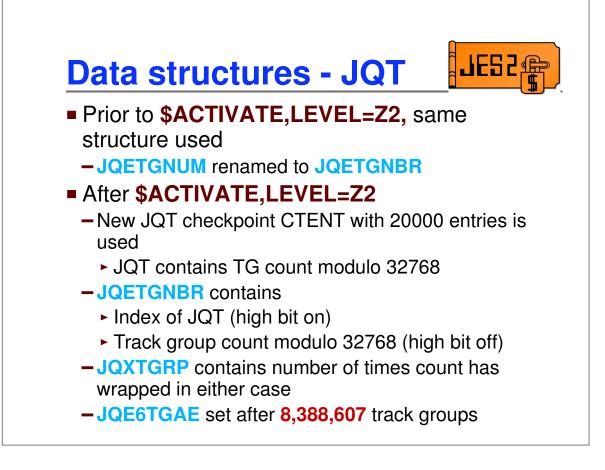


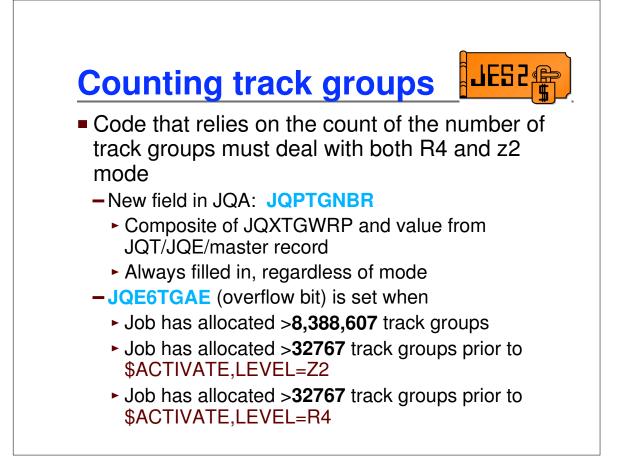


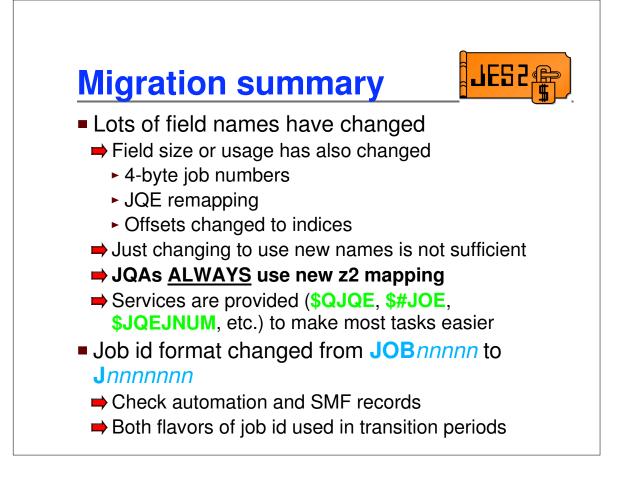


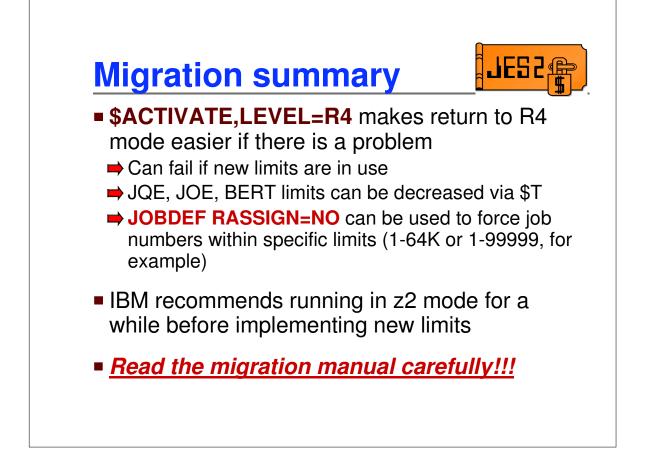












Appendix

Data transformations (JQE chaining)



JQE offsets fields changed to JQE indexes

Old name	New name	Length
\$JQFREE in \$HCT	\$JQFREEI	4 bytes
\$JQHEADS in \$HCT	\$JQHEADI	47*4 bytes
\$JQRBLD in \$HCT	\$JQRBLDI	4 bytes
JOEJQEB in \$JOE	JOEJQEI	3 bytes
JQENEXTB in \$JQE	JQENEXTI	3 bytes
CATQHEAD in \$CAT	CATQHDI	4 bytes

Data transformations (JOE chaining)



JOE offsets fields changed to JOE indexes

Old name	New name	Length
JOTFREQ in \$JOT	JOTFREQI	4 bytes
JOTCHRQ in \$JOT	JOTCHRQI	4 bytes
JOTPURGQ in \$JOT	JOTPRGQI	4 bytes
JOTHOLDQ in \$JOT	JOTHLDQI	4 bytes
JOTCLSQ in \$JOT	JOTCLSQI	3*36 bytes
JOTNTWKQ in \$JOT	JOTNTWQI	4 bytes
JOTRDYWQ in \$JOT	JOTRDWQI	4*JOTNUMWQ
JOTRBLDQ in \$JOT	JOTRBLQI	4 bytes
JQEJOEB in \$JQE	JQEJOEI	3 bytes
JOENEXTB in \$JOE	JOENEXTI	3 bytes
JOEPREVB in \$JOE	JOEPREVI	3 bytes
JOEJQNXB in \$JOE	JOENXJQI	3 bytes
JOECHARB in \$JOE	JOECHARI	3 bytes
JOECHNXB in \$JOE	JOECHNXI	3 bytes
JOEWKPTB in \$JOE	JOEWKPTI	3 bytes
JOENETCH in \$JOE	JOENETCI	4 bytes



Job number fields changed from 2 to 4 bytes

Old field name	New field name	Control block
CRXJOBNO	CRXJBNUM	\$COMWORK
DCNVJBNO	DCNVJNUM	\$DTECNV
FAXBCJP	FAXBJCJP	\$FSAXB
GTWJQNUM	GTWJBNUM	\$GTW
GTWJQEMX	GTWJQMAX	\$GTW
GTWJQEFR	GTWJQFRE	\$GTW
JIBJOBNO	JIBJBNUM	\$JIB
JNEWJQE	JNEWJNUM	\$JNEW
PSOJOBNO	PSOJBNUM	\$PSO
ROTEJBNR	ROTEJNUM	\$ROTT
SFRJBNO	SFRJBNUM	\$SFRB
SSWJOBNO	SSWJBNUM	\$SFSWORK
SJBJOBNO	SJBJBNUM	\$SJB
TTEJOBNO	TTEJBNUM	\$TTE



Job number equates changed from 2 to 4 bytes

Old name	New name	New value	Control block
DSIDJBNO	DSIDJNUM	EQU 0,4	\$FSIEQU
\$MAXJBNO	\$MAXJNUM	EQU 999999	\$HASPEQU
\$MAXJQES	\$MAXNJQE	EQU 200000	\$HASPEQU
COFSEC	COFSEC	COFOPT2+1,4	\$COMWORK



 2 byte job number fields in SPOOLed control blocks changed to use preceeding 2 byte reserved fields

Old field name	New field name	Control block
HDBJOBNO	HDBJBNUM	\$BUFFER
CHKJOBNO	CHKJBNUM	\$CHK
IOTJOBNO Note: also delete the	IOTJBNUM	\$IOT
IOTJBNMB equate		
JCTJOBNO	JCTJBNUM	\$JCT
NHSJOBNO	NHSJBNUM	\$NHSB
OCTJOBNO	OCTJBNUM	\$OCT
SWBJOBNO	SWBJBNUM	\$SWBIT
&S.JOBNO	&S.JBNUM	\$SPID



2 bytes job number fields moved to create 4 byte fields

Old 2 byte field name	New 2 byte field name	4 byte field name	Control block
DASJOBNO	DASJOBNO_R4	DASJBNUM	\$DAS
\$MAXJOBS	\$MAXJOBS_R4	\$JQENUM	\$HCT
\$JQEFREC	\$JQEFREC_R4	\$JQEFRCN	\$HCT
JCTINJNO	Field deleted	Field deleted	\$JCT
JQEJOBNO	JQEJOBNO_R4	JQEJBNUM	\$JQE
JQEINJNO	JQEINJNO_R4	JQXIJNUM	\$JQE

Fields moved to create 4 byte fields

Old field name	New field name (R4 mode)	New field name (z2 mode/JQA)	Control block
JQEARMID	JQEARMID_R4	JQEARMMI	\$JQE
JQEWSLOK	JQEWSLOK_R4	JQEWSLCK	\$JQE

Data transformations (JESNEWS)



Fields updated to support JESNEWS

R4 field name	Change	Control block
JOEJNEWS	Name changed to JOEJNEWL. In R4 mode, job number. In z2 mode, JESNEWS level	\$JOE
JQENEWSU	JQENEWSU_R4 in R4 mode (2 bytes) JQENWUSE in z2 mode (4 bytes)	\$JQE
JQEJOEID (for JESNEWS JQE only)	JQENWSID_R4 in R4 mode JQXNWSID in z2 mode	\$JQE
JNEWJQE	Name change to JNEWJNUM (4 bytes)	\$JNEW
JNEWLEVL	Size changed to 4 bytes	\$JNEW