

DB2 UDB: Using Predictive Query Governor

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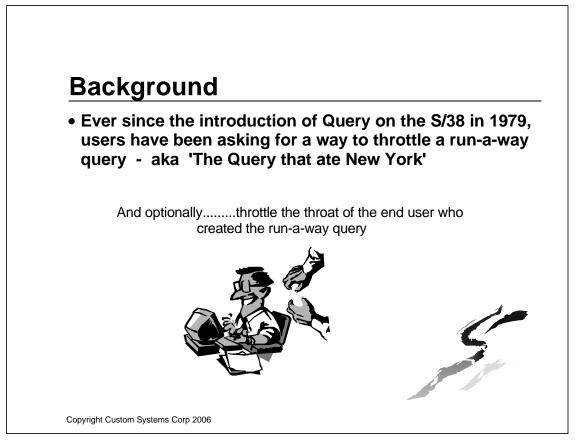
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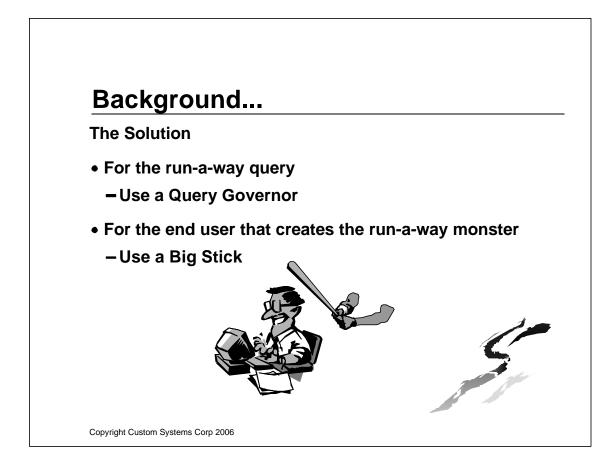
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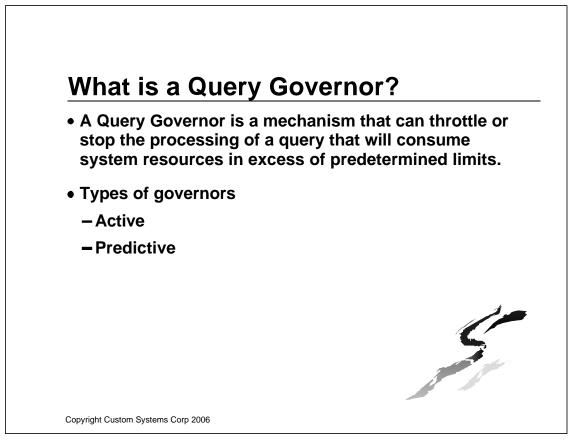
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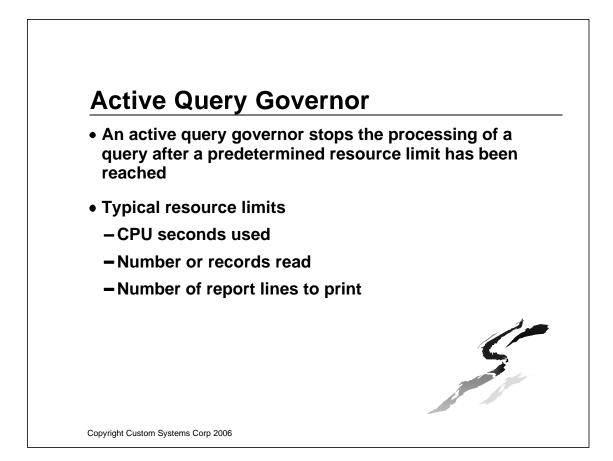


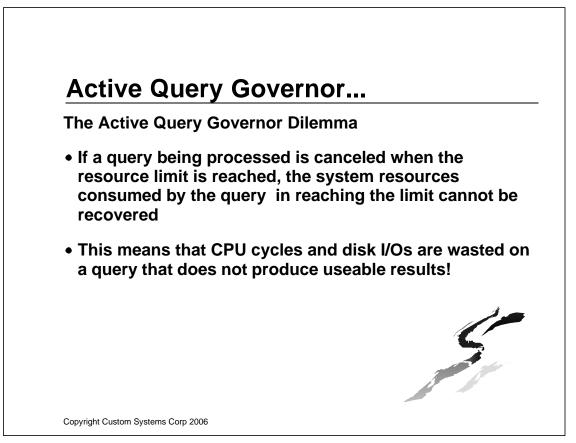
- Background
- What's a Query Governor?
- DB2 UDB Predictive Query Governor
- Setting Query Processing Time limit
- New System Value and CL Command
- Inquiry Message CPA4259
- System Reply List
- Tuning a Query using Predictive Query Governor
- Implementation Considerations
- Summary
- V5R2 SQL Information Sources

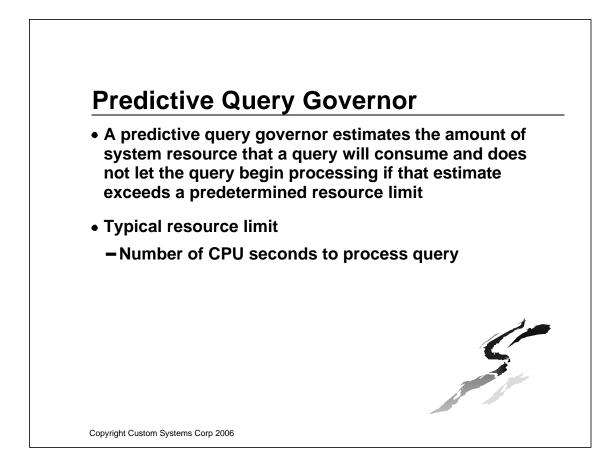


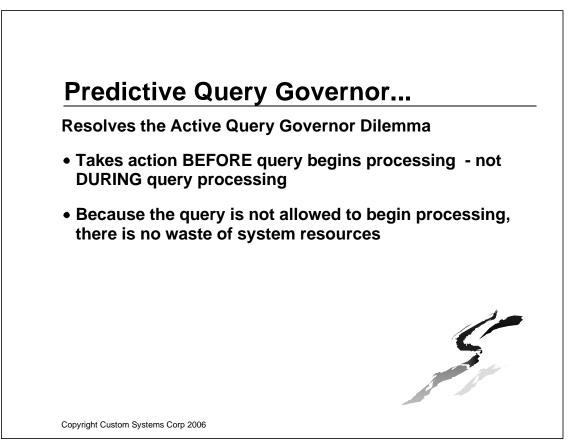


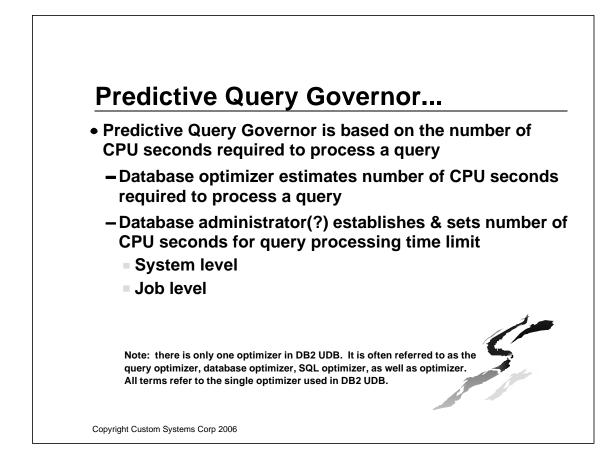


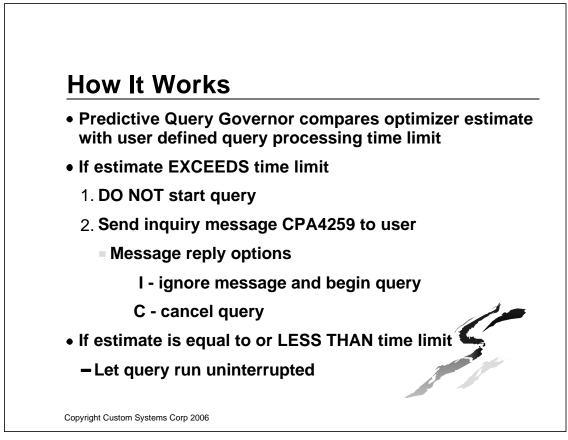


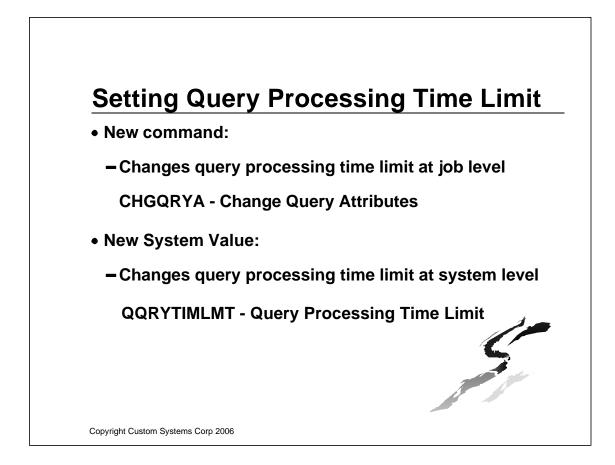


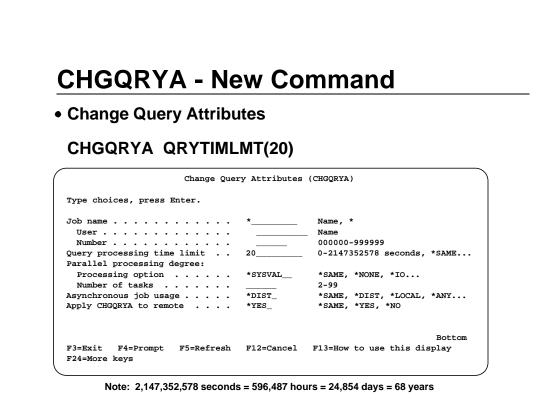




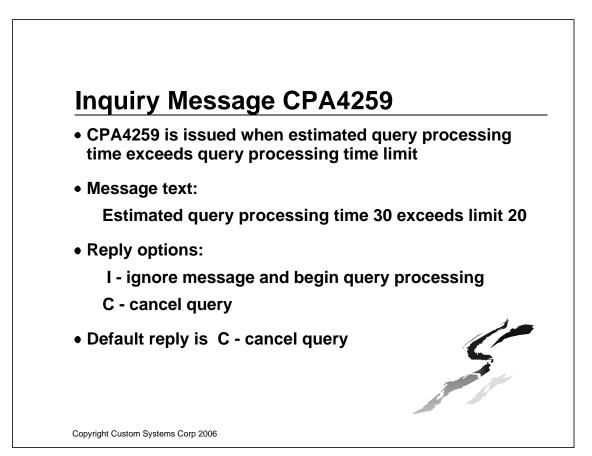


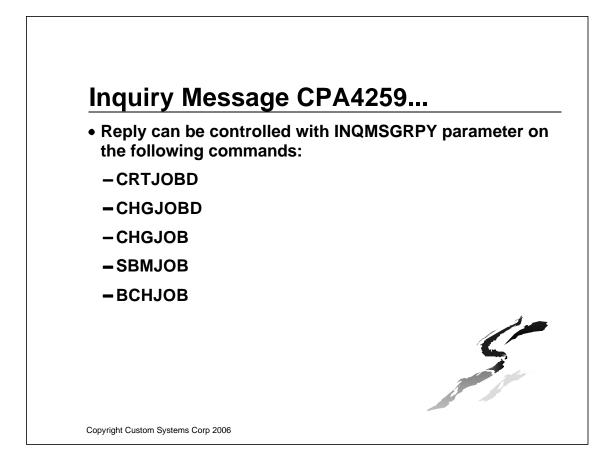


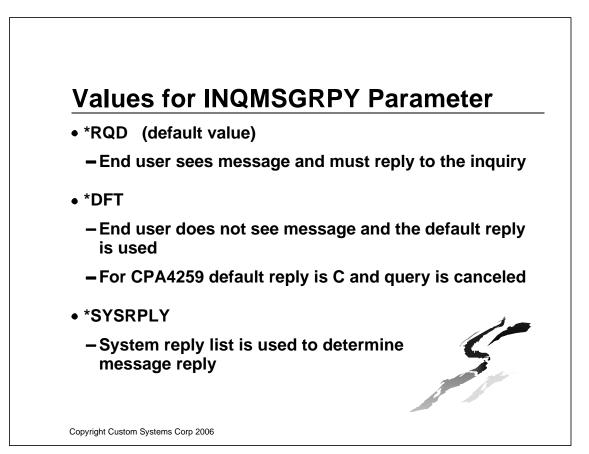


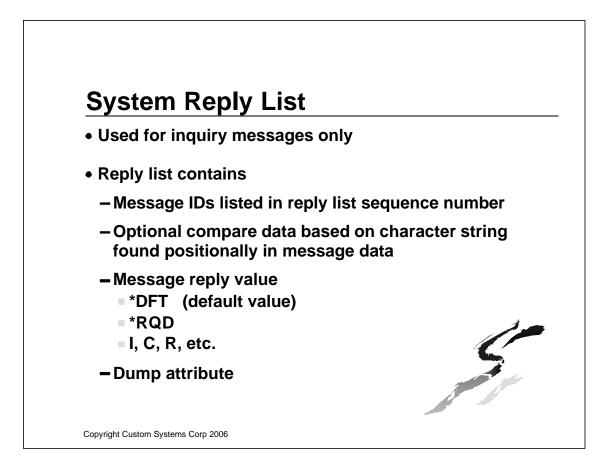


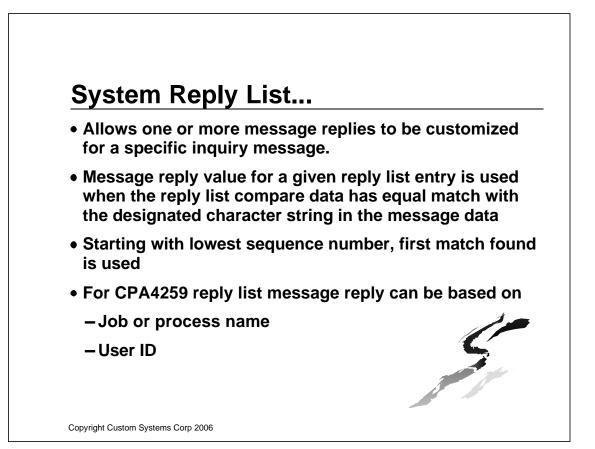
Query processin	ng time limit
CHGSYSVAL QO	QRYTIMLMT VALUE(20)
	Display System Value
ystem value : escription :	QQRYTIMLMT Query processing time limit
uery time limit allowed:	20 *NOMAX, 0-2147352578







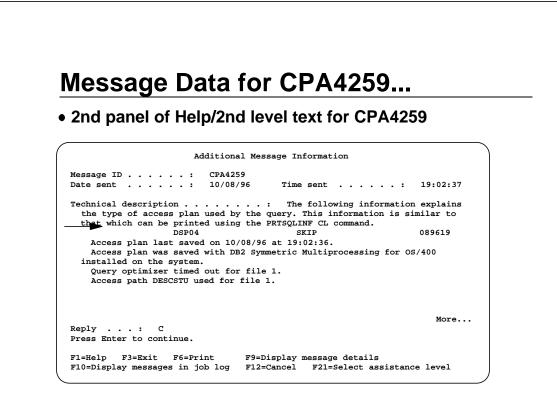






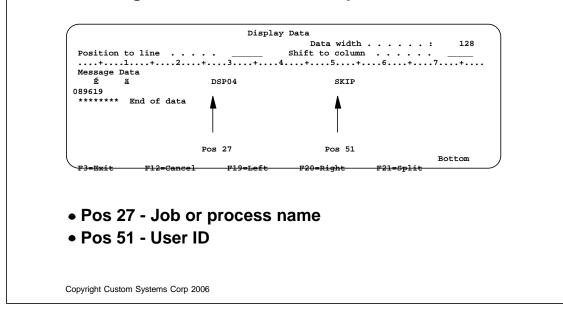
- Contains fully qualified job name
- See 2nd panel of Help/2nd level text for CPA4259

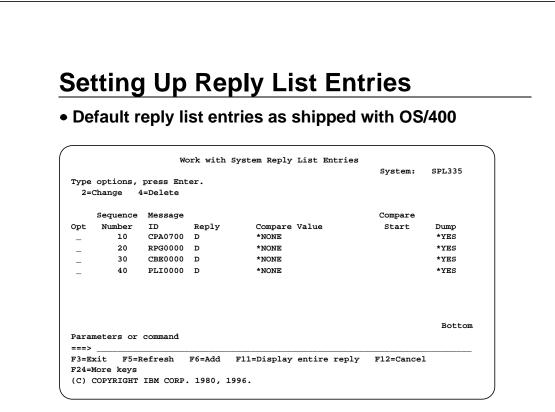
1	Message ID : CPA4259
	Date sent : 10/08/96 Time sent : 19:02:37
	Message : Estimated query processing time 3 exceeds limit 0 (C I)
	Cause : The database query time limit attribute has been specified by the CHGQRYA CL command. The query time limit specified is 0 seconds. A database query was about to be started which was estimated to require a
	longer time to run than that allowed by the query time limit attribute. The estimated time is 3 seconds.
	Recovery : Type a C to cancel processing of this query, or type an I to continue processing the query.
	Possible choices for replying to message
	I Ignore the query time limit and run the query.
	More
	Reply: C
	Press Enter to continue.
	F1=Help F3=Exit F6=Print F9=Display message details
	F10=Display messages in job log F12=Cancel F21=Select assistance level



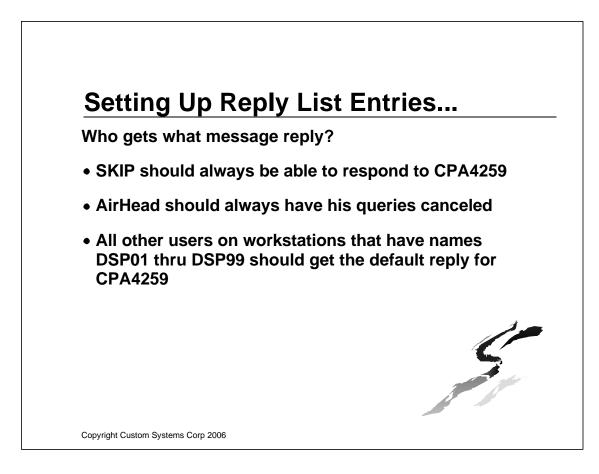


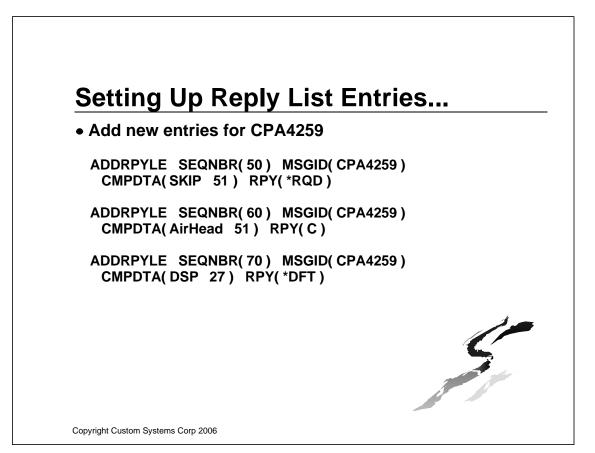
Message data contents and start positions





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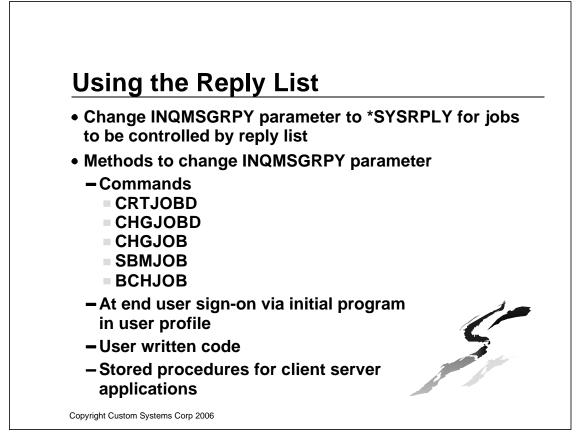


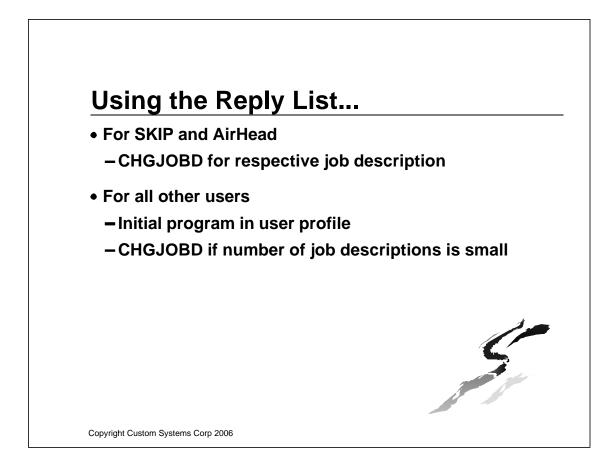


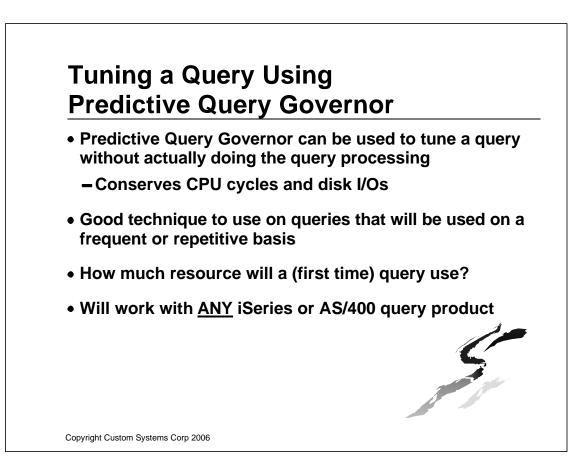
Setting Up Reply List Entries...

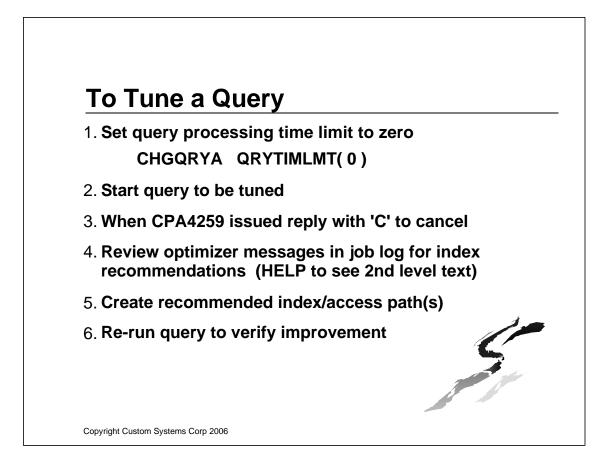
• Updated reply list entries

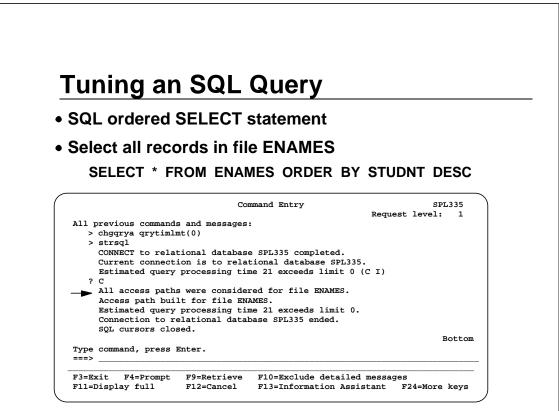
	sequence	Message			Compare	
pt	Number	ID	Reply	Compare Value	Start	Dump
_	10	CPA0700	D	*NONE		*YES
_	20	RPG0000	D	*NONE		*YES
_	30	CBE0000	D	*NONE		*YES
_	40	PLI0000	D	*NONE		*YES
_	50	CPA4259	*RQD	SKIP	51	*NO
_	60	CPA4259	С	AirHead	51	*NO
-	70	CPA4259	*DFT	DSP	27	*NO
aram	eters or	command				Bottom











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• CPI4321 - Access path built for file ENAMES

		Addition	al Message In	formati	on	
-		: CPI43				
Date se	at	: 10/03	/96 Time	sent		: 16:25:39
Message	:	Access path	built for fil	e ENAME	s.	
membe: proce:	r ENAMES of ss took 0 mi	A temporary a file ENAMES in nutes and .0 a son codes and	n library ECR seconds. The	OCHLIB access	for reason o path built o	code 1. This
1 -	Perform spe	cified orderin	ng/grouping c	riteria		
		cified join c				
3 -	Perform spe	cified record	selection to	minimi	ze I/O wait	time.
		as built using				
STU	DNT DESC	CEND.				
						More
Press E	nter to cont	inue.				
	F3=Exit	F6=Print	F9=Display	message	details	
F1=Help				-		ance level
		es in job log	F12=Cancel	F21=5	elect assist	tance level

