



**Start** TSO RSPMAIN or via menu

## 1 GLOBAL COMMANDS

ACM	Display status of ACM
ALTER	Jump to RC/Update to alter an object
BIND	Access the Plan Analyzer to bind plans
BINDPACK	Access the Plan Analyzer to bind packages
BP	Access the Batch Processor facility
BROWSE	Jump to RC/Update to browse a table
COMPRESS	Jump to Data Compressor
COPY	Jump to RC/Update to copy a table
COPYAUTH	Jump to RC/Secure to copy authorizations
CPU	Display IDs for the current processors
CREATE	Jump to RC/Update to create an object
DB2C	Jump to the DB2 command processor
DETECTOR	Jump to DETECTOR
DROP	Jump to RC/Update to drop an object
EDIT	Jump to RC/Update to edit a table
FBROWSE	Jump to RC/Update to browse a table
FEDIT	Jump to RC/Update to edit a table
FILES	List allocated files via Allocation manager
FIXES	List fixes applied to this release of products
FREEPACK	Access the Plan Analyzer to free packages
FREEPLAN	Access the Plan Analyzer to free plans
GLBLDEF	Access GLOBAL DEFAULTS administration
GRANT	Jump to RC/Secure for GRANT services
ISQL	Jump to the Interactive SQL processor
LISTDB2	Jump to DETECTOR DB2 SSID display
LISTTHD	JUMP to DETECTOR Active Threads display
MIGrator	Jump to RC/Migrator
MOVE	Jump to Dataset Facility to move DB2 datasets
PASSWORD	Display Passwords and their expiration date
PCATU	Jump to the Catalog Update Facility
PDA	Jump to the Database Analyzer
PDISP	Jump to the Page Display Facility
PDN	Jump to Data Navigator
PDT	Jump to DETECTOR
PGF	Jump to Governor Facility
PIR	Jump to the InforRefiner for DB2
PKG	Jump to Package/lt
PLA	Jump to Log Analyzer
POA	Jump to the Dependency Analyzer
PPA	Jump to the Plan Analyzer
PQA	Jump to Query Analyzer
PQO	Jump to Object Administrator
PQT	Jump to the Object Tracker
PRA	Jump to the Recovery Analyzer
PRI	Jump to the RI Manager
PSTATS	Jump to view PDA statistics
PUT	Jump to the Utilities
PXF	Jump to the Execution Facility
QE	Access the Plan Analyzer to explain plans
QMigrate	Access RC/Migrator to perform Quick Migrations
QQF	Jump to Compile/QQF
QQuery	Jump to RC/Query
RCM	Jump to RC/Migrator
RCQ	Jump to RC/Query
RCS	Jump to RC/Secure
RCU	Jump to RC/Update
REBIND	Access the Plan Analyzer to rebind plans
REBINDPACK	Access the Plan Analyzer to rebind packages
REVOKE	Jump to RC/Secure for REVOKE services
SECure	Jump to RC/Secure
SET	Set current SQLID
SHOWDEFS	Show Active Global Defaults for User and SSID
SHOWSSID	Show Current SSID
SQLID	Display current SQLID
SQLTRACE	Jump to DETECTOR SQLTRACE facility
SSC	Jump to Space Calculator
STATUS	Display status of parmlib processing
TEMPLATE	Jump to RC/Update to template an object
UPDate	Jump to RC/Update

UTIL	Jump to the Utility Manager
VERsion	Display version of products
VIEWER	Jump to Viewer for DB2

## 2 SCROLLABLE PANEL SPECIFIC COMMANDS

EXclude	Exclude a column from a scrollable list
SHow	Show a previously excluded column
Find	Find a character string in scrollable data
RFind	Repeat the last find command
FReeze	Freeze a column in a scrollable list
UNfreeze	Release a previously frozen column
MEIt	Release all previously frozen columns
ScrollB	Set the left/right scrolling mode to byte scrolling
ScrollC	Set the left/right scrolling mode to column scrolling
SOrt	Sort a scrollable list
QPrint	Print the current report
PPrint	Print the current screen
QFILE	Write the current report to a file
PFILE	Write the current screen to a file

## 3 PRODUCT PANEL SPECIFIC COMMANDS

BR	Invoke batch reporting facility
VLVL	Set view level for object dependency reports
Apply Def	Apply user defaults to the tablespace definition
Compare	Display original & current definitions of an object
Header	Switch the display of the panel header on or off
PrimeKey	Display the Primary Key column information panel
BP32K	Change the default buffer pool to BP32K
BP4K	Change the default buffer pool to BP4K

## 4 RC/Query commands

PROFile	Display profile panel
TUtorial	Enter RC/Query tutorial
ACMON	Enable Alternate Catalog Mapping
ACMOFF	Disable Alternate Catalog Mapping

### 4.1 RC/Migrator commands

PROFile	Display RC/Migrator Profile Panel
DEFaults	Display DB2 object creation defaults
INFO	Display RC/Migrator author Info
APPLYicl	Import an ICL Dataset to this subsystem
IMPICL	Import an ICL Dataset to this subsystem

### 4.2 RC/Update commands

DEFaults	Display DB2 object creation defaults
PDSunld	Unload subsys info to a PDS for use by RC/Alter
PROFile	Display the RC/Update profile panel

### 4.3 DB Analyzer commands

ESTATS	Display last online statistics collection
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### 4.4 Recovery Analyzer commands

MAIN	Return to the Recovery Analyzer Main Menu
EXIT	EXIT the Recovery Analyzer product
CANcel	Cancel current function, return to previous screen
PROFile	Display Recovery Analyzer Profile Panel



### 4.5 Plan Analyzer commands

ACMOFF	Disable Alternate Catalog Mapping
ACMON	Enable Alternate Catalog Mapping
ADDPACK	Display Plan Analyzer BIND PACKAGE options
ADDPLAN	Display Plan Analyzer BIND PLAN options panel
CANCEL	Cancel current function, return to previous screen
EXIT	EXIT the Plan Analyzer product
INFO	Display Plan Analyzer author Info
MAIN	Return to the Plan Analyzer Main Menu
MODE	Change Plan Analyzer Batch Processor Mode
PROFILE	Display Plan Analyzer Profile Panel
VSAMON	Enable Plan Analyzer VSAM Option
VSAMOFF	Disable Plan Analyzer VSAM Option

## 5 PRODUCT SPECIFIC PRIMARY LINE COMMANDS

### 5.1 RC/QUERY

Query Options:

T - Table Collect.	SG - Storage Grp	P - Plan CL -
V - View Package	DB - Data Base	
I - Index	TS - Table Space	PK -
C - Column DBRM	BP - Buffer Pool	DR -
S - Synonym		
A - Alias		U - User
RI - Referential Integrity		SY -
		VC - VSAM

Catalog

Query List: D=Detail, L=List, T=Table, P=Plan, PK=Package, V=View, I=Index, TS=Tablespace, S=Synonym, A=Alias, C=Column, UC=Unique Column, PA=Plan Auth, KA=Package Auth, DS=Status, RI=Referential Integrity, O=Object Dependency, U=User, UA=User Auth, UL=User List, DI=Drop Impact, LC=LISTCAT, DDL=Create DDL Stmt

### 5.2 RC/MIGRATOR

#### 5.2.1 Strategy Line Commands:

- A Perform Analysis upon existing strategy.
- C Create new strategy. Only valid on the first row.
- D Delete an existing strategy.
- G Perform Group Migration Analysis. (Only valid if TYPE = M)
- I Perform ICL analysis upon an existing strategy. (Not valid if TYPE = M)
- L Toggle dataset LIST mode for this specific strategy.
- M Perform a Move analysis on this strategy. (Migration type only)
- T Template an existing strategy to create a new one.
- U Update an existing strategy.
- X Enter eXecution display with specified strategy.
- Ü List comments tagged to all RC/M managed analysis output.

#### 5.2.2 Output Dataset Line Commands:

- A Analyze the strategy with the same options used for this dataset. (Not Applicable to ICL datasets.)
- B Browse the named dataset.

- C Submit the named dataset to the Syntax Checker.
- D Delete tie between analysis dataset and strategy. (Doesn't delete PDS.)
- E Edit the named dataset.
- G View the Global Changes associated with the dataset.
- M Perform a Move analysis using previous move analysis options.
- O View analysis Options associated with analysis row.
- P Protect analysis row from explicit or implicit delete requests.
- R Submit the associated Recovery dataset for execution.
- S Submit the named dataset for Batch Processor execution.
- U Update the QUICK MIGRATION type strategy. (Q type strategies only)
- X Enter eXecution display with this dataset.
- Z Submit the associated recovery analysis output DDL to the syntax checker.
- Ü List the comment tagged to the RC/M-managed analysis output.

#### 5.2.3 Strategy Types:

- M Migration strategy.
- A Alteration strategy.
- C Compare strategy.
- Q Quick Migration output header

#### 5.2.4 BP Execution Status:

- XI Indicates that this record was generated by a job that is currently executing, and connected to the DB2 system whose BP log is being viewed
- SC Indicates that the job that generated this record is currently executing, but is now connected and logging to a different DB2 system.
- NC Indicates that the job that generated this record completed normally
- NI Indicates that the job completed with errors.
- FC Indicates Forced Completion. This occurs when the Batch Processor encounters a .EXIT command which specifies a zero return code.
- FI Indicates that the Batch Processor encountered a .EXIT command with a non-zero return code.
- AB Indicates that the job that generated this record abended before it could update the log status to 'NI'. These items actually show up on the log with an 'XI' status.

#### 5.2.5 Batch Processor Log Record Types (Column TS):

- S Batch Processor generated sync point record. Sync records are use by the Batch Processor during restart processing.
- M Batch Processor generated message record. These records are generated when the Batch Processor encounters the LOG parameter on a .MSG command.
- A Analysis record generated by the RC/Migrator analysis step.

### 5.3 RC/UPDATE

Options:	<b>A</b> - Alter	<b>C</b> - Create
	<b>D</b> - Drop	<b>T</b> - Template
	<b>R</b> - Drop Recovery	
Objects:	<b>SG</b> - Storage Group	<b>T</b> - Table
	<b>DB</b> - Data Base	<b>I</b> - Index
	<b>TS</b> - Table Space	<b>V</b> - View
	<b>RI</b> - Referential Integrity	<b>S</b> - Synonym
		<b>A</b> - Alias
Table Options:	<b>B</b> - Browse	<b>FB</b> - Fast Browse
	<b>E</b> - Edit	<b>FE</b> - Fast Edit
	<b>CO</b> - Copy	<b>DC</b> - Data Compare

Command	Syntax
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Command	Syntax
CANCEL	(CAN)cel
CAPS	CAPS ON <col name> or CAPS OFF <col name>
CHANGE	(C)HANGE <old value> <new value> <column name>
CHANGE ALL	(C)HANGE <old value> <new value> <column name> ALL
COMMA	COMMA ON or COMMA OFF
END	END
EXPLODE	EXPLODE, place cursor on column to explode
FIND	(F)IND <value> <column name>
FREEZE	FREEZE <column name>
HEX	HEX
LCASE	LCASE <column name>
MELT	MELT
PFILE	(PF)ILE
PPRINT	(PP)RINT
QFILE	(QF)ILE
QPRINT	(QP)RINT
RESET	(RES)Et
RCHANGE	RCHANGE
RFIND	RFIND
SAVE	SAVE
SET	SET <column name> = new-value [where...]
SHOW	(S)HOW
SORT	(SO)RT <col name>,A or (SO)RT <col name>,D
SQL	SQL
TRACE	TRACE ON or TRACE OFF
UCASE	UCASE <column name>
UNFREEZE	UNFREEZE <column name>

Tabelle 1: Table EDIT und BROWSE Commands

## 5.4 Database Analyzer

### 5.4.1 Extract Prodedures

Line Cmds: E(xplode), U(pddate), S(ubmit), D(elete), A(ction), L(ist), C(opy)

Build Screen:

Action Procedure Ties:

(E)xplode, (S)elect, (O)bject, (C)reate

Extract Options: Auto-Catalog Update: (N)one, (U)pdate

Column Statistics: (I)ndex, (A)ll, or (N)one

Job Generation Parm: (N)o, (U)pdate

Job Generation Parm:

Number of Jobs: 1 to 3599, or blank

Number of Steps per Job: 1 to 200, or blank

Jobname Mask: 1-7 characters

Fill Model: default: MJUTLFIL

One Job per Object: Y, or N, or blank

One Utility per Step: Y, or N, or blank

One Member per Job: Y, or N, or blank

### 5.4.2 Action Procedures:

Line Cmds: E(xplode), U(pdate), D(elete), L(ist), Extract), C(opy)

Action Codes:

AM	IDCAMS Access Method Services
CD	Check Data
CK	Check Index
CP	DB2 Command Processor
IC	Image Copy
MC	MergeCopy
Mondieu	Modify
MP	Msg Procedure (Plat.)
PR	PDA Reports (Plat.)

PS	PDA Statistics (Plat.)
QC	Quick Copy (Plat.)
QU	Quiesce
RC	Recover
RO	Reorg
RR	Report Recovery
RS	Runstats
RT	Report Tablespace
ST	Stospace
UC	Update Catalog (Plat.)
UR	Rapid Reorg (Plat.)
US	User Application

### 5.4.3 Report Procedures:

Line Cmds: E(xplode), S(ubmit), D(elete), U(pdate), L(ist), C(opy)

### 5.4.4 Execution Procedures:

Line Cmds: E(xplode), U(pdate), D(elete), S(ubmit), C(opy)

## 5.5 Recovery Analyzer

Strategy Line Cmds:

A	Perform a Recovery Analysis on this Strategy
B	Add/Change/Delete Batch Job Information
C	Copy Strategy to another DB2 Subsystem
C	Create a new Strategy
D	Delete a Strategy and all of its versions
L	List all datasets for this strategy
Q	Quiesce all tablespaces in the strategy
U	Update a Strategy definition

Strategy Output Line Cmds:

B	Browse the input records for an analysis
D	Delete a version
E	Edit the analysis output dataset
S	Submit the analysis JCL for execution

Restricted Objects List Line Cmds:

CHECK	Select this object for a check DB
IMCOPY	Select this object for a image copy
RECOVER	Select this object for a recover
REPCHECK	Select this object for a repair check pending flag
REPCOPY	Select this object for a repair copy pending flag
REPRECV	Select this object for a repair rcvr pending flag
STARTRO	Select this object for a start read only (Immediate)
STARTRW	Select this object for a start read/write (Immediate)
STARTRWF	Select this object for a start access force (Immed.)
STARTUT	Select this object for a start utility only (Immediate)
STOP	Select this object for a stop (Immediate)

## 5.6 Plan Analyzer

Strategy (Definition and Output) Line Cmds:

L	List all versions for this Strategy
U	Update a Strategy definition (Strategy changes saved)
B	Browse a Strategy definition
E	Perform an Enhanced Explain on this Strategy
D	Delete a Strategy and all of its versions
I	Display the input records for a version
O	Display all output for a version
R	Select output reports to be displayed for a version



## 6 PDA JCL and Models

### 6.1 Symbolic Variables

%CREATOR	object's creator
%DBNAME	database name
%INCR	incremental variable 001-999
%IXNAME	index name
%IXSPACE	indexspace name
%LOG	LOG {YES NO}
%PARTNO	partition number
%REORGP	estimated REORG pages for TS's/IX's
%ROSYsxxx	Cylinders required for SYSREC, SYSUT1 etc
%ROHIALLOC	allocated pages
%ROHIUSED	used pages
%SPACENM	tablespace or indexspace name
%SUBSTR	SUBSTR function
%SYSID	DB2 subsystem ID
%TBNAME	table name
%TSSET	tablespace set
%USERID	UserID submitting the job
%UTILCD	utility code
%UTILMD	utility model name
%VCAT	VCAT name for tablespace or indexspace

### 6.2 User Defined Variables (supplied)

%CALC	expression
%DUNIT	device type work datasets
%FULL	FULL {YES NO}
%NEWCOPY	MERGECOPY keyword
%SORTNUM	number of sort works
%UNIT	device type SYSCOPY dataset
%WDATE	expiration date for MODIFY utility

### 6.3 Logic

Conditional	#IF <i>cond</i> <i>lines</i> #ELSE[IF <i>cond</i> ] <i>lines</i> #ENDIF
Calculation	%CALCn( <i>expression</i> )
Substring	%SUBSTR( <i>pos,len,source</i> )

### 6.4 Models

MJSTATS#	execute PDA procs with PDA stats maintenance
MJUTLFIL	filling member for empty steps/jobs (IEFBR14)
MJUTLGLH	default model member for utility history
MJPTIUT	execute Platinum Utility (e.g. FastLoad)
...	