

# FDRQUERY REPORTS

## Using FDRQUERY

FDRQUERY can provide 4 basic reports.

- Backup Report
- Archive Report
- VSAM Report
- SMF Report

FDRQUERY is part of FDR and does not require you to be licensed for ABR or FDREPORT. See section 10.25 for complete documentation on FDRQUERY.

FDRQUERY can provide quick summary reports. The full help text is contained in the ICL library under the member name FDRQUERY and can be printed via the command: HELP ALL

The simple JCL to run FDRQUERY is:

```
//REPORT EXEC PGM=FDRQUERY,REGION=OM
//SYSPRINT DD SYSOUT=*
//ABRMAP DD SYSOUT=*
//SYSMF DD DISP=SHR,DSN=smf.data <== required for SMF reports
//SYSIN DD *
control card
/*
```

- **Backup report:** shows the savings if incremental backups are done.

Control Card: **REPORT BACKUP,STORGRP=PROD6,DISABLE=SIMDETAIL**

SUMMARY LEVEL -- DEVICE TYPE											
		TOTAL		-- ALLOCATED		--- INCREMENTAL		--- SAVINGS		----	
VOLSER	DEVTYPE	TRACKS	TRACKS	DSNS	PER	TRACKS	DSNS	PER	TRACKS	DSNS	PER
TOTAL	3390-9	150255	8623	32	6	131	3	1	5714	29	97
TOTAL	3390-27	1803060	392848	1282	22	49344	79	3	270951	1203	84

- **Archive report:** shows savings that can be achieved by archiving.

Control Card: **REPORT ARCHIVE,STORGRP=PROD6,DISABLE=SIMDETAIL**

SUMMARY LEVEL -- DEVICE TYPE										
		ALLOC	BEFORE	AFTER	LAST USED		SAVINGS IF ARCHIVED			
VOLCNT	DEVTYPE	TRACKS	%ALLOC	%ALLOC	DAYS	DATE	DSNS	TRACKS	%SAVED	
1	3390-9	8623	5.73%	5.50%	30	2013104	15	353	4.09%	
				5.72%	150	2012350	1	15	0.17%	
6	3390-27	392848	21.78%	17.13%	30	2013104	832	83878	21.35%	
				19.07%	270	2012230	538	48899	12.44%	

- **The VSAM report:** Scans online DASD volumes for VSAM data sets and produces a report that includes the number of tracks used for each component along with an estimate of the size of the component in bytes.

Control Card: **VSAMSCAN ENABLE=ESTIMATE**

DATA SET NAME		VOL		D/S		OP		ALOC		BYTES		
		VOLSER	SEQ	CRDATE	LRDATE	ORG	RECFM	CD	BKSIZ	NEX		
ABCD.DS.P1TX.CPUE.JS1.BKUPV83.DATA		PR2230	001	2012.295	2012.295	EF	U	80	18432	1	11235	621.251M
ABCD.DS.P1TX.CPUE.JS1.BKUPV83.INDEX		PR2230	001	2012.295	2012.295	EF	U	80	18432	1	65	3.594M
TOTALS -- VOLUME=PR2230 --		2 COMPONENTS OCCUPYING		11300 TRACKS --		624.845M BYTES						
FDR400 FDR SMF/VTOC DATA EXTRACT/QUERY - FDRQUERY VER 5.4/76P - INNOVATION DATA PROCESSING DATE- 2013.112												
TOTALS -- FINAL --		185870 COMPONENTS OCCUPYING		132771448 TRACKS --		5975.930G BYTES						

# FDRQUERY REPORTS

• **SMF Report:** The SMF functions include job query (QUERY), record copy (COPY), and record print (PRINT) of SMF history records. An XREPORT command can be used to print JOB or TSO related information with optional data set usage information from SMF data.

This example uses the QUERY command to report data set utilization from SMF records searching for any job access to a specific data set for a given date range.

Control Card: **QUERY FROMDD=SYSMF, DSN=FDRSYS.S5478.ICL,  
ENABLE=ALLRECORDS, FROMDATE=2013134, TODATE=2013135**

DSN---FDRSYS.S5478.ICL	DATE-----2013.134	TIME-----09.38.48
JOB-----FDRLIC	DDNAME--**ABSENT	DSORG-----AM
USE-----DEFINE		
DSN---FDRSYS.S5478.ICL	DATE-----2013.134	TIME-----09.38.49
JOB-----FDRLIC	DDNAME--OUTPUT	DSORG-----PO
USE-----OUTPUT		
EXCP COUNTS----	DISK-----8	
DSN---FDRSYS.S5478.ICL	DATE-----2013.134	TIME-----16.47.53
JOB-----FDRLIC	DDNAME--SYS00012	DSORG-----PO
USE-----INPUT		
EXCP COUNTS----	DISK-----235	
DSN---FDRSYS.S5478.ICL	DATE-----2013.134	TIME-----16.49.32
JOB-----FDRLIC	DDNAME--**ABSENT	DSORG-----AM
USE-----SCRATCH		

This example uses the XREPORT command to report job utilization from SMF records searching for job statistics for a particular job name.

Control Card: **XREPORT FROMDD=SYSMF, JOBNAME=DBACKUPS,  
ENABLE=NODSNAMES, FROMDATE=2013134, TODATE=2013135**

JOB NAME.....DBACKUPS	DATE...2013.134	USER..MPFX=ABRD
STEP NAME...DUMP	PGM...FDRABR	REGION REQ..11240
START..21.00.16	STOP...21.13.16	REGION USE..16664
		COMP CODE..C-0000
		PERFORM.....0
		WALL...00.13.00.30
		CPU...00.00.07.64
		SRB...00.00.01.62
		TAT...00.12.58.40
		TNA...00.00.01.90
		TRT...00.12.58.35
SUMMARY OF I/O ACTIVITY.....	PAGE IN.....0	PAGE OUT.....0
	TAPE.....16816	DISK.....14842
	SWAP IN.....0	SWAP OUT.....0
	SWAP COUNT.....0	SRVU.....68271
STEP NAME...CATLG	PGM...FDRABR	REGION REQ..11240
START..21.13.16	STOP...21.29.51	REGION USE..15792
		COMP CODE..C-0000
		PERFORM.....0
		WALL...00.16.35.22
		CPU...00.00.04.02
		SRB...00.00.09.49
		TAT...00.16.35.03
		TNA...00.00.00.19
		TRT...00.16.35.03
SUMMARY OF I/O ACTIVITY.....	PAGE IN.....0	PAGE OUT.....0
	TAPE.....457112	DISK.....30687
	SWAP IN.....0	SWAP OUT.....0
	SWAP COUNT.....0	SRVU.....143082

Detailed information including the syntax and the operands for the QUERY and XREPORT commands is available via the HELP command in FDRQUERY.

Control Card: **HELP COMMAND (QUERY)  
HELP COMMAND (XREPORT)**