

NWRDC'S KOMAND HISTORY DATA RETRIEVAL AND REPORTING SYSTEM

QUICK-START GUIDE

3/5/2009

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(In the following examples, substitute your three character institution code for "iii")

CICS DATA

Transaction summary from the day before

```
//EXTRACT EXEC KMDECICS,SELECT=iii
//REPORT EXEC KMDRCICS,REPORT=TRANSUMM
//PRINT EXEC KMDRPRNT
```

Transaction summary from two days ago

```
//EXTRACT EXEC KMDECICS,SELECT=iii,GEN=1
//REPORT EXEC KMDRCICS,REPORT=TRANSUMM
//PRINT EXEC KMDRPRNT
```

Transaction summary from November, 2007

```
//EXTRACT EXEC KMDECICS,SELECT=iii,MONTH=11,YEAR=2007
```

```
//REPORT EXEC KMDRCICS,REPORT=TRANSUMM
//PRINT EXEC KMDRPRNT
```

Get a list of November, 2007's most expensive transactions

```
//EXTRACT EXEC KMDECICS,SELECT=iii,MONTH=11,YEAR=2007
//REPORT EXEC KMDRCICS,REPORT=TOP50
//PRINT EXEC KMDRPRNT
```

Get the previous two reports with one selection step (stacking reports)

```
//EXTRACT EXEC KMDECICS,SELECT=iii,MONTH=11,YEAR=2007
//REPORT1 EXEC KMDRCICS,REPORT=TRANSUMM
//REPORT2 EXEC KMDRCICS,REPORT=TOP50
//PRINT EXEC KMDRPRNT
```

Select specific transactions for a detail report from yesterday's data

```
//ADDCODE EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN DD DUMMY
//SYSUT1 DD *
MACRO
* SELECT ONLY THOSE RECORDS WITH THE TRANSID OF NWFM
* OR NWTM
IF CICS-TRANS-ID = 'NWFM' 'NWTM'
ELSE
GO TO JOB
END-IF
CUSTOM-TITLE = ` Only NWFM and NWTM'
END-MACRO
/*
//SYSUT2 DD DISP=SHR,DSN=NW.SLM.KMD.MSELECT(KMDRCICS)
//EXTRACT EXEC KMDECICS,SELECT=iii
//REPORT EXEC KMDRCICS,REPORT=DETAIL,
// MSELECT=NW.SLM.KMD.MSELECT
//PRINT EXEC KMDRPRNT
```

Save extracted data for subsequent reports

```
//SELECT EXEC KMDECICS,SELECT=NWR
//COPY EXEC KMDECOPY
//SYSUT2 DD DSN=NW.SLM.KMD.CICS.TEST,
// UNIT=SYSDA,DISP=(,CATLG,DELETE),
// SPACE=(CYL,(10,1),RLSE)
```

Generate reports from saved data

```

//REPORT EXEC KMDRCICS,REPORT=TOP50,
//  KMDIN=NW.SLM.KMD.CICS.TEST
//REPORT EXEC KMDRCICS,REPORT=TRANSUMM,
//  KMDIN=NW.SLM.KMD.CICS.TEST
//PRINT EXEC KMDRPRNT

```

Generate a report showing a particular transaction's daily costs

```

//ADDCODE EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN DD DUMMY
//SYSUT1 DD *
MACRO
* SELECT ONLY THOSE RECORDS WITH THE TRANSID OF NWFM
IF CICS-TRANS-ID = 'NWFM'
    ELSE
        GO TO JOB
END-IF
CUSTOM-TITLE = ' NWFM ONLY'
END-MACRO
/*
//SYSUT2 DD DISP=SHR,DSN=NW.SLM.KMD.MSELECT(KMDRCICS)
//EXTRACT EXEC KMDECICS,SELECT=iii,MONTH=08,YEAR=2008
//REPORT EXEC KMDRCICS,REPORT=DAYTRSUM,
//  MSELECT=NW.SLM.KMD.MSELECT
//PRINT EXEC KMDRPRNT

```

DB2 DATA

Application summary from the day before

```

//EXTRACT EXEC KMDEDB2,SELECT=iii
//REPORT EXEC KMDRDB2,REPORT=APPLSUMM
//PRINT EXEC KMDRPRNT

```

Application summary from two days ago

```

//EXTRACT EXEC KMDEDB2,SELECT=iii,GEN=1
//REPORT EXEC KMDRDB2,REPORT=APPLSUMM
//PRINT EXEC KMDRPRNT

```

Application summary from November, 2007

```
//EXTRACT EXEC KMDEDB2,SELECT=iii,MONTH=11,YEAR=2007
//REPORT EXEC KMDRDB2,REPORT=APPLSUMM
//PRINT EXEC KMDRPRNT
```

Get a list of November, 2007's most expensive transactions

```
//EXTRACT EXEC KMDEDB2,SELECT=iii,MONTH=11,YEAR=2007
//REPORT EXEC KMDRDB2,REPORT=TOP50
//PRINT EXEC KMDRPRNT
```

Get the previous two reports with one selection step (stacking reports)

```
//EXTRACT EXEC KMDEDB2,SELECT=iii,MONTH=11,YEAR=2007
//REPORT1 EXEC KMDRDB2,REPORT=APPLSUMM
//REPORT2 EXEC KMDRDB2,REPORT=TOP50
//PRINT EXEC KMDRPRNT
```

Select specific CICS transactions for a detail report from yesterday's data

```
//ADDCODE EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN DD DUMMY
//SYSUT1 DD *
MACRO
* SELECT THOSE RECORDS WITH THE CICS TRANSACTION CODE
OF
* NWFM OR NWTM
IF DB2-CORID-CICS-TRAN = 'NWFM' 'NWTM'
ELSE
GO TO JOB
END-IF
CUSTOM-TITLE = ' NWFM and NWTM Only'
END-MACRO
/*
//SYSUT2 DD DISP=SHR,DSN=NW.SLM.KMD.MSELECT(KMDRDB2)
//EXTRACT EXEC KMDEDB2,SELECT=iii
//REPORT EXEC KMDRDB2,REPORT=DETAIL,
// MSELECT=NW.SLM.KMD.MSELECT
//PRINT EXEC KMDRPRNT
```

Save extracted data for subsequent reports

```
//SELECT EXEC KMDEDB2,SELECT=NWR
//COPY EXEC KMDECOPY
//SYSUT2 DD DSN=NW.SLM.KMD.DB2.TEST,
```

```
//          UNIT=SYSDA, DISP=(,CATLG,DELETE),  
//          SPACE=(CYL,(10,1),RLSE)
```

Generate reports from saved data

```
//REPORT EXEC KMDRDB2,REPORT=TOP50,  
//  KMDIN=NW.SLM.KMD.DB2.TEST  
//REPORT EXEC KMDRDB2,REPORT=UIDSUMM,  
//  KMDIN=NW.SLM.KMD.DB2.TEST  
//PRINT EXEC KMDRPRNT
```

DISK DATA SET DATA

A full accounting of your billing for disk packs for a given month

```
//EXTRACT EXEC KMDEDISK,SELECT=iii  
//REPORT EXEC KMDRDISK,REPORT=DETAIL,  
//          MONTH=02,YEAR=2008  
//PRINT EXEC KMDRPRNT
```

DISK PACK DATA

A full accounting of your billing for individual disk data sets for a given month

```
//EXTRACT EXEC KMDEDSNS,SELECT=iii  
//REPORT EXEC KMDRDSNS,REPORT=DETAIL,  
//          MONTH=02,YEAR=2008  
//PRINT EXEC KMDRPRNT
```

JOB AND TSO DATA

Summarize all jobs and TSO sessions from the day before

```
//EXTRACT EXEC KMDEJOBS,SELECT=iii
```

```
//REPORT EXEC KMDRJOBS,REPORT=JOBNSUMM
//PRINT EXEC KMDRPRNT
```

Summarize all jobs and TSO sessions from two days ago

```
//EXTRACT EXEC KMDEJOBS,SELECT=iii,GEN=1
//REPORT EXEC KMDRJOBS,REPORT=JOBNSUMM
//PRINT EXEC KMDRPRNT
```

Summarize all jobs and TSO sessions from November, 2007

```
//EXTRACT EXEC KMDEJOBS,SELECT=iii,MONTH=11,YEAR=2007
//REPORT EXEC KMDRJOBS,REPORT=JOBNSUMM
//PRINT EXEC KMDRPRNT
```

Get a list of November, 2007's most expensive jobs

```
//EXTRACT EXEC KMDEJOBS,SELECT=iii,MONTH=11,YEAR=2007
//REPORT EXEC KMDRJOBS,REPORT=TOP50
//PRINT EXEC KMDRPRNT
```

Get the previous two reports with one selection step (stacking reports)

```
//EXTRACT EXEC KMDEJOBS,SELECT=iii,MONTH=11,YEAR=2007
//REPORT1 EXEC KMDRJOBS,REPORT=JOBNSUMM
//REPORT2 EXEC KMDRJOBS,REPORT=TOP50
//PRINT EXEC KMDRPRNT
```

Select specific jobs for a detail report from yesterday's data

```
//ADDCODE EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN DD DUMMY
//SYSUT1 DD *
MACRO
* SELECT ONLY THOSE RECORDS WITH THE JOB NAME OF
* NWSLMCOB
IF JOBS-JOB-NAME = 'NWSLMCOB'
ELSE
GO TO JOB
END-IF
CUSTOM-TITLE = ' NWSLMCOB ONLY'
END-MACRO
/*
//SYSUT2 DD DISP=SHR,DSN=NW.SLM.KMD.MSELECT(KMDRJOBS)
//EXTRACT EXEC KMDEJOBS,SELECT=iii
//REPORT EXEC KMDRJOBS,REPORT=DETAIL,
```

```

//      MSELECT=NW.SLM.KMD.MSELECT
//PRINT  EXEC KMDRPRNT
Select jobs that cost over $50 from yesterday's data

//ADDCODE EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN    DD DUMMY
//SYSUT1   DD *
MACRO
* SELECT ONLY THOSE RECORDS WITH A COST OF OVER
* $50
IF JOBS-TOTAL-COST < 50.00
    GO TO JOB
END-IF
CUSTOM-TITLE = '      JOBS OVER $50 ONLY'
END-MACRO
/*
//SYSUT2 DD DISP=SHR,DSN=NW.SLM.KMD.MSELECT(KMDRJOBS)
//EXTRACT EXEC KMDEJOBS,SELECT=iii
//REPORT  EXEC KMDRJOBS,REPORT=DETAIL,
//      MSELECT=NW.SLM.KMD.MSELECT
//PRINT   EXEC KMDRPRNT

```

Save extracted data for subsequent reports

```

//SELECT EXEC KMDEJOBS,SELECT=NWR
//COPY   EXEC KMDECOPY
//SYSUT2 DD DSN=NW.SLM.KMD.JOBS.TEST,
//      UNIT=SYSDA,DISP=(,CATLG,DELETE),
//      SPACE=(CYL,(10,1),RLSE)

```

Generate reports from saved data

```

//REPORT EXEC KMDRJOBS,REPORT=TOP50,
//      KMDIN=NW.SLM.KMD.JOBS.TEST
//REPORT EXEC KMDRJOBS,REPORT=JOBNSUMM,
//      KMDIN=NW.SLM.KMD.JOBS.TEST
//PRINT  EXEC KMDRPRNT

```

Generate a report that shows a particular job's daily costs.

```

//ADDCODE EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN    DD DUMMY
//SYSUT1   DD *
MACRO

```

```

* SELECT ONLY THOSE RECORDS WITH THE JOB NAME OF
* NWSLMCOB
IF JOBS-JOB-NAME = 'NWSLMCOB'
    ELSE
        GO TO JOB
END-IF
CUSTOM-TITLE = '          NWSLMCOB ONLY'
END-MACRO
/*
//SYSUT2 DD DISP=SHR,DSN=NW.SLM.KMD.MSELECT(KMDRJOBS)
//EXTRACT EXEC KMDEJOBS,SELECT=iii
//REPORT EXEC KMDRJOBS,REPORT=DAYJNSUM,
//      MSELECT=NW.SLM.KMD.MSELECT
//PRINT EXEC KMDRPRNT

```

MISCELANEOUS

A full accounting of your billing for JES nodes, circuits, etc. for a given month.

```

//EXTRACT EXEC KMDEMISC,SELECT=iii
//REPORT EXEC KMDRMISAC,REPORT=DETAIL,
//      MONTH=02,YEAR=2008
//PRINT EXEC KMDRPRNT

```

MULTISESS

A full accounting of your billing for MUSTLESS user ids for a given month.

```

//EXTRACT EXEC KMDEMULT,SELECT=iii
//REPORT EXEC KMDRMULT,REPORT=DETAIL,
//      MONTH=02,YEAR=2008
//PRINT EXEC KMDRPRNT

```

SERVER DATA

A full accounting of your billing for server hosting for a given month.

```
//EXTRACT EXEC KMDESERV,SELECT=iii,  
//REPORT EXEC KMDRSERV,REPORT=DETAIL,  
// MONTH=02,YEAR=2008  
//PRINT EXEC KMDRPRNT
```

SHADOW DIRECT DATA

Summarize the previous day's Shadow Direct work based on the invoking client's supplied name

```
//EXTRACT EXEC KMDESDIR,SELECT=iii  
//REPORT EXEC KMDRSDIR,REPORT=CLNTSUMM  
//PRINT EXEC KMDRPRNT
```

Summarize Shadow Direct data from two days ago based on the invoking client's supplied name

```
//EXTRACT EXEC KMDESDIR,SELECT=iii,GEN=1  
//REPORT EXEC KMDRSDIR,REPORT=CLNTSUMM  
//PRINT EXEC KMDRPRNT
```

Same summary from November, 2007

```
//EXTRACT EXEC KMDESDIR,SELECT=iii,MONTH=11,YEAR=2007  
//REPORT EXEC KMDRSDIR,REPORT=CLNTSUMM  
//PRINT EXEC KMDRPRNT
```

Get a list of November, 2007's most expensive transactions

```
//EXTRACT EXEC KMDESDIR,SELECT=iii,MONTH=11,YEAR=2007  
//REPORT EXEC KMDRSDIR,REPORT=TOP50  
//PRINT EXEC KMDRPRNT
```

Get the previous two reports with one selection step (stacking reports)

```
//EXTRACT EXEC KMDESDIR,SELECT=iii,MONTH=11,YEAR=2007  
//REPORT1 EXEC KMDRSDIR,REPORT=CLNTSUMM  
//REPORT2 EXEC KMDRSDIR,REPORT=TOP50  
//PRINT EXEC KMDRPRNT
```

Select specific transactions for a detail report from yesterday's data

```
//ADDCODE EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN DD DUMMY
//SYSUT1 DD *
MACRO
* SELECT ONLY THOSE RECORDS WITH THE USER ID OF 'NWSLM'
IF KMD-LOGONID = 'NWSLM'
    ELSE
        GO TO JOB
END-IF
CUSTOM-TITLE = ' NWSLM ONLY'
END-MACRO
/*
//SYSUT2 DD DISP=SHR,DSN=NW.SLM.KMD.MSELECT(KMDRSDIR)
//EXTRACT EXEC KMDESDIR,SELECT=iii
//REPORT EXEC KMDRSDIR,REPORT=DETAIL,
// MSELECT=NW.SLM.KMD.MSELECT
//PRINT EXEC KMDRPRNT
```

Save extracted data for subsequent reports

```
//SELECT EXEC KMDESDIR,SELECT=NWR
//COPY EXEC KMDECOPY
//SYSUT2 DD DSN=NW.SLM.KMD.SDIR.TEST,
// UNIT=SYSDA,DISP=(,CATLG,DELETE),
// SPACE=(CYL,(10,1),RLSE)
```

Generate reports from saved data

```
//REPORT EXEC KMDRSDIR,REPORT=TOP50,
// KMDIN=NW.SLM.KMD.SDIR.TEST
//REPORT EXEC KMDRSDIR,REPORT=UIDSUMM,
// KMDIN=NW.SLM.KMD.SDIR.TEST
//PRINT EXEC KMDRPRNT
```

SHADOW WEB DATA

Summarize the previous day's Shadow Web data based on the individual Rule Name used.

```
//EXTRACT EXEC KMDESWEB,SELECT=iii
```

```
//REPORT EXEC KMDRSWEB,REPORT=RULESUMM
//PRINT EXEC KMDRPRNT
```

Summarize Shadow Web data from two days ago based on the individual Rule Name used.

```
//EXTRACT EXEC KMDESWEB,SELECT=iii,GEN=1
//REPORT EXEC KMDRSWEB,REPORT=RULESUMM
//PRINT EXEC KMDRPRNT
```

Same summary from November, 2007

```
//EXTRACT EXEC KMDESWEB,SELECT=iii,MONTH=11,YEAR=2007
//REPORT EXEC KMDRSWEB,REPORT=RULESUMM
//PRINT EXEC KMDRPRNT
```

Get a list of November, 2007's most expensive transactions

```
//EXTRACT EXEC KMDESWEB,SELECT=iii,MONTH=11,YEAR=2007
//REPORT EXEC KMDRSWEB,REPORT=TOP50
//PRINT EXEC KMDRPRNT
```

Get the previous two reports with one selection step (stacking reports)

```
//EXTRACT EXEC KMDESWEB,SELECT=iii,MONTH=11,YEAR=2007
//REPORT1 EXEC KMDRSWEB,REPORT=RULESUMM
//REPORT2 EXEC KMDRSWEB,REPORT=TOP50
//PRINT EXEC KMDRPRNT
```

Select specific transactions for a detail report from yesterday's data

```
//ADDCODE EXEC PGM=IEBGENER
//SYSPRINT DD DUMMY
//SYSIN DD DUMMY
//SYSUT1 DD *
MACRO
* SELECT ONLY THOSE RECORDS WITH THE USER ID OF 'NWSLM'
IF KMD-LOGONID = 'NWSLM'
ELSE
GO TO JOB
END-IF
END-MACRO
/*
//SYSUT2 DD DISP=SHR,DSN=NW.SLM.KMD.MSELECT(KMDRSWEB)
//EXTRACT EXEC KMDESWEB,SELECT=iii
//REPORT EXEC KMDRSWEB,REPORT=DETAIL,
// MSELECT=NW.SLM.KMD.MSELECT
```

```
//PRINT EXEC KMDRPRNT
```

Save extracted data for subsequent reports

```
//SELECT EXEC KMDESWEB,SELECT=NWR  
//COPY EXEC KMDECOPY  
//SYSUT2 DD DSN=NW.SLM.KMD.SWEB.TEST,  
// UNIT=SYSDA,DISP=(,CATLG,DELETE),  
// SPACE=(CYL,(10,1),RLSE)
```

Generate reports from saved data

```
//REPORT EXEC KMDRSWEB,REPORT=TOP50,  
// KMDIN=NW.SLM.KMD.SWEB.TEST  
//REPORT EXEC KMDRSWEB,REPORT=UIDSUMM,  
// KMDIN=NW.SLM.KMD.SWEB.TEST  
//PRINT EXEC KMDRPRNT
```

SUMMARY ONLY DATA

The following JCL will produce a report summarizing an entire month's billing; a true "bottom line" view.

```
//SELECT EXEC KMDESUMM,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRSUMM,REPORT=DEBSUM  
//PRINT EXEC KMDRPRNT
```

For so far this month

```
//SELECT EXEC KMDESUMM,SELECT=iii,  
// MTD=YES  
//REPORT EXEC KMDRSUMM,REPORT=DEBSUM  
//PRINT EXEC KMDRPRNT
```

For the previous day

```
//SELECT EXEC KMDESUMM,SELECT=iii  
//REPORT EXEC KMDRSUMM,REPORT=DEBSUM  
//PRINT EXEC KMDRPRNT
```

For customer institutions with more than one account the following report will show how much each account has been billed for each cost type

```
//SELECT EXEC KMDESUMM,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRSUMM,REPORT=ACDEBSUM  
//PRINT EXEC KMDRPRNT
```

Run the following report to see how much each logon id has contributed to each cost type for a given month

```
//SELECT EXEC KMDESUMM,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRSUMM,REPORT=ACDEBDET  
//PRINT EXEC KMDRPRNT
```

TAPE (UNDERUTILIZATION) DATA

Produce a report of tape underutilization charges in account – logon id sequence

```
//SELECT EXEC KMDEUNDR,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRUNDR,REPORT=ACDET  
//PRINT EXEC KMDRPRNT
```

Produce a report of tape underutilization charges in data set name sequence

```
//SELECT EXEC KMDEUNDR,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRUNDR,REPORT=DSNDET  
//PRINT EXEC KMDRPRNT
```

TAPE DATA

Produce a report of tape charges in data set name sequence

```
//SELECT EXEC KMDETAPE,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRTAPE,REPORT=DSNDET  
//PRINT EXEC KMDRPRNT
```

Produce a report of tape charges in descending age sequence

```
//SELECT EXEC KMDETAPE,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRTAPE,REPORT=AGEDET  
//PRINT EXEC KMDRPRNT
```

Produce a report of tape charges in logon id sequence

```
//SELECT EXEC KMDETAPE,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRTAPE,REPORT=UIDDET  
//PRINT EXEC KMDRPRNT
```

Produce a report of tape charges in volume serial sequence

```
//SELECT EXEC KMDETAPE,SELECT=iii,  
// MONTH=03,YEAR=2008  
//REPORT EXEC KMDRTAPE,REPORT=VOLDET  
//PRINT EXEC KMDRPRNT
```