IBM

Application Performance Analyzer V8 Quick Reference Card

This reference card was developed by the Technical Support Specialists (TSS) to assist customers who are new to IBM's Application Performance Analyzer product.

This card is not representative of the entire command set or reports contained in IBM Application Performance Analyzer. It is only meant to answer some of the "How do I ...." Or "What does this field represent...." questions that a developer who is new to the product, might have.

A complete Command Reference can be obtained, free of charge, from the IBM Application Performance Analyzer website at the following URL:

HTTP://WWW.IBM.COM/SOFTWARE/AWDTOOLS/DEPLOYMENT

For Use with IBM Application Performance Analyzer Version 8 Release 1

Navigation Line Commands

Line commands are typed directly over the text of a field, such as column heading, or a data field in the report. Line commands vary depending on the type of detail.

Command	Description
/	Display a context menu showing all allowable commands for this detail line.
?	Display context help information
+n	Expand the line to the next n levels of detail.
++	Show the detail popup for this line.
-	Collapse (reverse +)
EXP	Export this sample file
CAN	Cancel this request
T	Tag report for compare
V	Variance (compare with tagged report)
SV	Sort column by value.
SN	Sort column by name.
D	Delete the request
R	Display reports
New	Create new observation request from current request
TNew	Create new threshold observation request
Mod	Modifies request
Sub	Same as new command, but is submitted immediately
Setup	Changes time interval and other options in reports
Win	Displays a selection list of open reports in a pop-up panel
Jump	Jump or PF4 goes to new observation
Pref	Change user preferences
Save	Save a copy of the current report in a data set
JCL	In NEW, enter JCL to display batch JCL for this request
Keep	Do not auto delete this request file

Color Coding of Graphs

Color	Meaning
Pink	Attributed CPU Time
Green	CPU Active
Yellow	CPU Wait
White	Resources (memory data space)
Red	DASD I/O
Blue	Service Time

Reports

Once you have opened an observation, you can go to any report by typing the three character report code. PF3 will return to the previous report selected, or the report menu.

Statistics and Storage Reports

Code		Description
S01		Measurement Profile
S02	setup	Load Module Attributes
S03		Load Module Summary
S04		TCB Summary
S05		Memory Usage Timeline
S06		Data Space Usage Timeline
S07		TCB Execution Summary
S08		Processor Utilization Summary
S09		Measurement Analysis

Admin Reports

Code	Description
A01	Source Program Mapping
A02	Request Printed Reports
A03	Java Source Mapping
A04	Source Mapping Dataset List

CPU Usage

Code		Description
C01	setup	Usage by Category
C02	setup	Usage by Module
C03	setup	Usage by Code Slice
C04		Usage by Timeline
C05	setup	Usage by Task/Category
C06	setup	Usage by Procedure
C07	setup	Usage by Referred Attribution
C08		CPU Referred Attribution
C09		CPU Usage by PSW/ObjCode

DASD I/O Analysis

Code		Description
D01	setup	Usage by Device
D02	setup	Usage by DDName
D03	setup	Usage by Dataset
D04		Dataset attributes
D05	setup	EXCP Summary
D06	setup	VSAM Statistics
D07	setup	Activity Timeline
D08		I/O Wait Time
D09		LSR Buffer Pool Usage

Coupling Facility

Code	Description
G01	Summary
G02	Mean Times
G03	Total Times

CPU Wait Analysis

Code		Description
W01	setup	Time by Category
W02	setup	Time by Module
W03	setup	Wait Time Referred Attribution
W04		Wait Time by Task ENQ/RESERVE
W05		Wait Time by Tape DDNAME

IMS Measurement

Code	Description
I01	IMS Measurement Profile
I02	IMS DL/I Call Timeline
I03	IMS Transaction Timeline
I04	IMS Txn Activity Timeline
I05	IMS CPU Usage by PSB
I06	IMS CPU Usage by Transaction
I07	IMS CPU Usage by DL/I Call
I08	IMS WAIT Time by PSB
I09	IMS WAIT Time by Transaction
I10	IMS WAIT Time by DL/I Call
I11	IMS DL/I Activity by PSB
I12	IMS DL/I Activity by Txn
I13	IMS DL/I Activity by DL/I Call
I14	IMS PSB/PCB Attributes
I15	IMS DL/I Call Attributes
I16	IMS Transaction Service Times
I17	IMS Transaction DL/I Counts
I18	IMS CPU/Svc Time by DL/I Call
I19	IMS CPU/Svc Time by PSB
I20	IMS CPU/Svc Time by Txn
I21	IMS CPU/Svc Time by PCB

CICS Measurement

Code		Description
E01		Session statistics
E02		CPU & Use Counts by Pgm
E03	setup	CPU usage by txn
E04		Mean service time by txn
E05		Total service time by txn
E06		Service time by task Id
E07		Wait by txn
E08		Mean Service Time by Trm
E09		Total Service Time by Trm

DB2 Measurement

Code		Description
F01		Measurement profile
F02		SQL activity timeline
F03	setup	SQL activity by DBRM
F04	setup	SQL activity by statement
F05	setup	SQL activity by plan
F06		SQL statement attributes
F07	setup	SQL wait time by DBRM
F08	setup	SQL wait time by statement
F09	setup	SQL wait time by Plan
F10		SQL CPU/Svc time by DBRM
F11		SQL CPU/Svc time by stmt
F12		SQL CPU/Svc time by plan
F13		SQL Threads analysis
F14	setup	CPU usage by Plan/Proc
F15		DB2 SQL CPU/Svc Time by Rq Loc
F16		SQL CPU/Svc Time by Enclave
F17		DB2 SQL CPU/Svc Time by Corrid

MQSeries Measurement

Code	Description
Q01	Activity Summary
Q02	CPU Usage by Queue
Q03	CPU Usage by Request
Q04	CPU Usage by Txn
Q05	Serv Time by Queue
Q06	Serv Time by Request
Q07	Serv Time by Txn
Q08	Wait Time by Queue
Q09	Wait Time by Request
Q10	Wait Time by Txn

Java Measurement

Code	Description
J01	Java Summary/Attributes
J04	Java CPU Usage by Package
J05	Java CPU Usage by Class
J06	Java CPU Usage by Method
J07	Java CPU Usage by Call Path
J09	Java Svc Time by Package
J10	Java Svc Time by Class
J11	Java Svc Time by Method
J12	Java Svc Time by Call Path
J14	Java Wait Time by Package
J15	Java Wait Time by Class
J16	Java Wait Time by Method
J17	Java Wait Time by Call Path

HFS Analysis

Code	Description
H01	HFS Service Time by Path
H02	HFS Srvice Time by Device
H03	HFS File Activity
H04	HFS File Attributes
H05	HFS Device Activitiy
H06	HFS Device Attributes
H07	HFS Activity Timeline
H08	HFS Wait Time by Path Name
H09	HFS Wait Time by Device
H10	HFS Service Time by Request
H11	HFS Wait Time by Request

Variance Reports

Code	Description
V01	Measurement Variance Summary