# CICS 字段说明

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### 1 全局变量

```
将字符串转化成数字,去除,KMG单位等符号
def StringToInt(input_string)
                              将数字转化成 KMG 单位
def ConvertGMK(input_string)
def copyFiles(sourceDir, targetDir) 复制 sourceDir 文件到 targetDir
def ApplidMatch(ApplidPattern, currentApplid) 识别 APPLID 符合正则表达式
global CICSVERSION
global TCLASSNAME
global DSARATIOTHRES
global EDSARATIOTHRES
global QRDISPRATIOTHRES
global ENQIMMESUCCESSTHRESHOLD
global APPLIDPATTERN
global STATISTICS_DATE
global PEAK_INTERVAL
global TMFlag
global DSFlag
global LGFlag
global DBFlag
global NQFlag
global TSQFlag
global TDQFlag
global SMFlag
global CONFlag
global DUFlag
```

```
TCLASSNAME = "*TOTALS*"
                                               #Change the TClass name per your
request, by default TOTALS is used
    ENQNAME = "*TOTALS*"
                                               #Change the ENQ name per your
request, by default TOTALS is used
    CICSVERSION = "6.8.0"
    DSARATIOTHRES = 90.00
    EDSARATIOTHRES = 90.00
    QRDISPRATIOTHRES = 50.00
    ENQIMMESUCCESSTHRESHOLD = 90.00
    STATISTICS_DATE = "
    PEAK_INTERVAL = "
    TMFlag = 0
    TCFlag = 0
    DSFlag = 0
    LGFlag = 0
    DBFlag = 0
    NQFlag = 0
    TSQFlag = 0
    TDQFlag = 0
    SMFlag = 0
    CONFlag = 0
    DUFlag = 0
    TCLASSNAME = config["TClassName"]
    ENQNAME = config["ENQName"]
    DSARATIOTHRES = float(config["DSARatioThreshold"])
    EDSARATIOTHRES = float(config["EDSARatioThreshold"])
    QRDISPRATIOTHRES = float(config["QRDispRatioThreshold"])
    ENQIMMESUCCESSTHRESHOLD = float(config["ENQImmeSuccessThreshold"])
```

APPLIDPATTERN = config["ApplidPattern"]

IntItem = IntervalItem()

IntRep = IntervalReport()

IntRep.AppendItem(IntItem)

TMRep = TransactionManagerReport()

DSRep = DispatcherReport()

NQRep = EnqueueReport()

SMRep = StorageManagerReport()

LGRep = LogManagerReport()

DBRep = DB2Report()

DURep = DumpReport()

TSQRep = TSQReport()

TDQRep = TDQReport()

CONRep = ConnectionReport()

# 2 TClassItem

def TClassItemCSV(self)

CSVString = "	#CSV string
Applid = "	#CICS Application ID
Date = "	#Data collection data
ResTime = "	#Last rest time
ColTime = "	#Data collection time
TClassName = "	#Transaction Class name
TClassDef = 0	#Transactions in this class
MaxAct = 0	# maximum number of transactions
PrgThrs = 0	#Purge threshold
Attaches $= 0$	#attach requests
AcptImm = 0	#transactions which are accepted immediately
PrgImm = 0	#transactions which are purged immediately
Queued = 0	#transactions which are queued
PrgQd = 0	#Purged while queuing
QuedTime ="	#Queued time
PckAct = 0	#Peak Active
PckQued = 0	#Peak Queued
MaxActTimes = 0	#MXT Active times
PrgThrsTimes = 0	#times at purge threshold

Tclass	Number	Max	Purge	<		- T O T	A L		>	Peak	Peak	Times	Times	<	CURR	E N T:
Name	Trandfs	Act	Thresh	Attaches	AcptImm	PrgImm	Queued	PrgQ'd	Q-Time	Act	Queued	MaxAct	PrgThr	Act	Queued	QueueTim
TCLBCSN	0	10	1	0	0	0	0	0	00:00:00	0	0	0	1	0	0	00:00:0
TCL0001	0	1	0	0	0	0	0	0	00:00:00	0	0	0	0	0	0	00:00:0
TCL0002	0	1	0	0	0	0	0	0	00:00:00	0	0	0	0	0	0	00:00:0
TCL0003	0	1	0	0	0	0	0	0	00:00:00	0	0	0	0	0	0	00:00:0
TCL0004	0	1	0	0	0	0	0	0	00:00:00	0	0	0	0	0	0	00:00:0
*TOTALS*	* 3			0	0	0	0	0	00:00:00			0	1	0	0	00:00:0

获得 every, Totals: TClassName、TClassDef、MaxAct、PrgThrs、Attaches、AcptImm、PrgImm、Queued、PrgQd、QuedTime、PckAct、PckQued、MaxActTimes、PrgThrsTimes

### 3 TransactionManagerItem

```
__CSVString = "
                            #CSV string
Applid = "
                            #CICS Application ID
Date = "
                            #Data collection data
ResTime = "
                            #Last rest time
ColTime = "
                            #Data collection time
TotTran = 0
                            #Total transaction numer (User + System)
MXT = 0
                            #MXT setting
MXTTimeRch = 0
                            #MXT reach time
PkQued = 0
                            #Peak queued task number
PkActv = 0
                            #Peak active task number
TotlActUsr = 0
                            #Total active user transaction number
TotlDly = 0
                            #Total Delayed transactin number
MXTRatio = 0.0
                            #Peak active/MXT
                            #Interval in seconds
Interval Value = 0.0
TClassItemList = list()
                            #TClass list
global TCLASSNAME
def __init__(self)
def AppendTClassItem(self,TCItem)
def PickedTClassItem(self)
def TMItemCSV(self)
```

获得 TolTran、MXT、MXTimeRch、PkQued、PkActv、TotlActUsr、TotlDly MXTRatio = PkActv/MXT

# 4 TransactionManagerReport

```
__Title_TM =
"Applid,Date,ResTime,ColTime,TotTran,MXT,MXTTimeRch,PkQued,PkActv,TotlActUsr,T
otlDly,MXTRatio%"
__Title_TC =
"Applid,Date,ResTime,ColTime,TClassName,Trandfs,NaxAct,PrgThrs,Attaches,AcptImm,Pr
gImm,Queued,PrgQd,QuedTime,PckAct,PckQued,MaxActTimes,PrgThrsTimes"

TMItemList = list() #Transaction item list

def __init__(self)
    def AppendItem(self, TMItem)
    def PrintInCSV(self)
    def DumpToFile(self)
```

# 5 DispatcherItem

CSVString = "	#CSV string
Applid = "	#CICS Application ID
Date = "	#Data collection data
ResTime = "	#Last rest time
ColTime = "	#Data collection time
ASCPU = "	#Address space CPU time
ASSRB = "	#Address space SRB time
ICV = 0	#ICV setting
ICVR = 0	#ICVR setting
QRDsp = '00:00:00'	#QR dispatch time
QRCPU = '00:00:00'	#QR CPU time
QRCPUUtilRatio = $0.0$	#QR CPU/Interval
QRDispUtilRatio = $0.0$	#QR Disp/Interval
QRDispRatio = $0.0$	#QR CPU/dispatch
QKDispRatio = 0.0	#QK CI O/dispatcii
L8Dsp = '00:00:00'	#L8 dispatch time
L8CPU = '00:00:00'	#L8 CPU time
L8CPUUtilRatio = 0.0	#L8 CPU/Interval
L8DispUtilRatio = 0.0	#L8 Disp/Interval
L8DispRatio = 0.0	#L8 CPU/dispatch
ASCPUUtilRatio = 0.0	#Address space TCB CPU/Interval
SRBCPUUtilRatio = 0.0	-
CPUPerUsrTran = 0.0	#CPU time (TCB+SRB) /User transaction
PkOpTCB = 0	#Peak open TCB usage
MAXOpTCB = 0	#Max open TCB usage
OpTCBRatio = $0$	#Peak Open TCB/MAXOPENTCB
ASCPUV = 0.0	#Address space CPU in seconds
ASSRB = 0.0	#Address space SRC in seconds
QRDspQueuePk = 0	#Peak QR dispatchable queue length
Autophanen v – a	m cak QK dispatchable queue length

#### QRDspQueueAvg = 0.00 #Average QR dispatchable queue length

#### def DispatcherItemCSV(self)

```
CICS 680 and below:
ODISPATCHER STATISTICS
  Dispatcher Start Date and Time. . . . . : 09/08/2015 22:10:53.1448
  Address Space CPU Time. . . . . . . . . . . . . .
                                                 00:02:35.494468
  00:00:00.405410
  Current number of dispatcher tasks. . . . . :
                                                             46
  Peak number of dispatcher tasks . . . . . :
  Current ICV time (msec) . . . .
                                                          10000
  Current ICVR time (msec).
                                                          10000
  Current ICVTSD time (msec)....:
 Current PRTYAGE time (msec) . . . . . . :
                                                            500
0 Current MRO (QR) Batching (MROBTCH) value . :
                                                              1
0 Number of Excess TCB Scans. . . . . . . . :
  Excess TCB Scans - No TCB Detached. . . . :
  Number of Excess TCBs Detached. . . . . . :
                                                             0
  Average Excess TCBs Detached per Scan . . . :
                                                             0
0 Number of CICS TCB MODEs. . . . . . . . . :
                                                             18
0 Number of CICS TCB POOLs. . . . . . . . . . . .
```

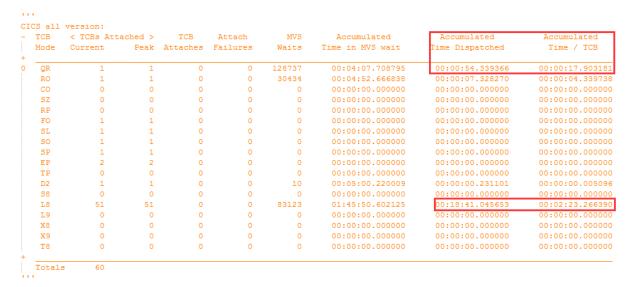
获得: ASCPU、ASSRB、ICV、ICVR

#### $ASCPUUtilRatio = ASCPUV/IntervalV \\ SRBCPUUtilRatio = ASSRBV/IntervalV \\$

#### **TCBMODENUM**

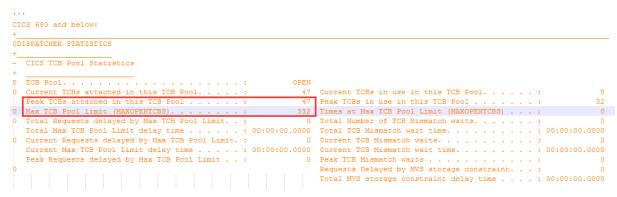
```
Only applicable for CICS 690
ODISPATCHER STATISTICS
  CICS TCB Mode Statistics
  TCB
             TCB
                    < TCBs Attached >
                                     <- TCBs In Use ->
                                                        TCB
                                                                  <- Dispatchable Oueue
                  Current
                                     Current
                                                                               Peak
  Mode Open Pool
                                Peak
                                                  Peak Attaches
                                                                  Current
                                                                                    Average
             N/A
```

获得: QRDspQueuePk、QRDspQueueAvg



获得: CQRDisp、CQRCPU、CL8Disp、CL8CPU QRCPUUtilRatio = CQRCPUV/CIntervalV QRDispUtilRatio = CQRCPUV/CQRDispV QRDispRadio = CQRDispV/CIntervalV

CL8UtilRatio = CL8CPUV/CIntervalV CL8DispUtilRatio = CL8CPUV/CL8DispV CL8DispRatio = CL8DispV/CIntervalV



获得: PkOpTCB、MAXOpTCB opTCBRatio = CPkOpTCB/MAXOpTCB

# 6 DispatcherReport

```
__Title =
```

"L8CPU,L8Dsp,L8CPUUtilRatio%,L8DispUtilRatio%,L8DispRatio%,ASTCBUtilRatio%,ASSRBCPUUtilRatio%,CPUPerUsrTran,PkOpTCB,MAXOpTCB,OpTCBRatio%"

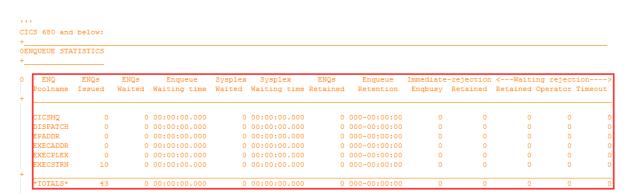
#### global CICSVERSION

DSItemList = list() #Dispatcher item list
def \_\_init\_\_(self)
def AppendItem(self, DSItem)
def PrintInCSV(self)
def DumpToFile(self)

#### 7 EnqueueItem

\_\_CSVString = " Applid = " **#CICS** Application ID Date = " #Data collection data ResTime = " #Last rest time ColTime = " #Data collection time ENQPoolName = " #Selected ENQ pool ID ENQIssd = 0#ENQs Issued ENQWtd = 0#ENQs Waited ENOWTT = " #Enqueue Waiting time ENQSysWtd = 0**#Sysplex Waited** ENQSysWtT = " #Sysplex Waiting time ENQRtnd = 0**#ENQs Retained** ENQRtnT = " #Enqueue retention time ImmRejEqBsy = 0#Immediately rejected ENQBUSY ImmRejEqRtn = 0#Immediately rejected due to RETAINED WtRejRtn = 0#Waiting requests that were rejected due to the enqueue moving into a retained state WtRejOp = 0#Waiting requests that were rejected due to the operator purging the waiting transaction WtRejTo = 0#Waiting requests that were rejected due to the timeout value being exceeded ENQBusyRatio = 0.0#ENQ Busy/ENQIssd ENQWttRatio= 0.00 #ENQ Waited/ENQIssd ENQRetRatio= 0.00 #ENQ Retained/ENQIssd ENQImmRetRatio = 0.00#ENQ Imme RETAINED/ENQIssd ENQImmSuccessRatio = 0.00#Endqueue Immediate success

def EnqueueItemCSV(self):



获得: ENQIssd、ENQWtd、ENQWTT、ENQSysWtd、ENQSysWtT、ENQRtnd、ENQRtnT、ImmRejEqBsy、ImmRejEqRtn、WtRejRtn、WtRejOp、WtRejTo

ENQBusyRatio = ImmRejEqBsy/ENQIssd

ENQWttRatio = ENQWtd/ENQIssd

ENQRetRatio = ENQRtnd/ENQIssd

ENQImmRetRatio = ImmRejEqRtn/ENQIssd

ENQImmSuccessRatio =

100-ENQBusyRatio-ENQWttRatio-ENQRetRatio-ENQImmRetRatio

# 8 EnqueueReport

```
__Title =

"Applid,Date,ResTime,ColTime,ENQPoolName,ENQIssd,ENQWtd,ENQWTT,ENQSysWtd,
ENQSysWtT,ENQRtnd,ENQRtnT,ImmRejEqBsy,ImmRejEqRtn,WtRejRtn,WtRejOp,WtRej
To,ENQBusyRatio%,ENQWttRatio%,ENQRetRatio%,ENQImmRetRatio%,ENQImmSucces
sRatio%"
NQItemList = list()
def __init__(self)
def AppendItem(self, NQItem)
def PrintInCSV(self)
def DumpToFile(self)
```

### 9 StorageManagerItem

```
__CSVString = "
Applid = "
                         #CICS Application ID
Date = "
                         #Data collection data
ResTime = "
                         #Last rest time
ColTime = "
                         #Data collection time
STGPROT = "
                         #Storage Protection
TRANISO = "
                         #Transaction Isolation
                         #Write protection for reentrant programs
REENTPG = "
DSALIM = 0
                         #Current DSA Limit
PeakDSA = 0
                         #Peak DSA usage
EDSALIM = 0
                         #Current EDSA Limit
PeakEDSA = 0
                         #Peak EDSA usage
MEMLIMIT = "
                         #z/OS MEMLIMIT
CDSASize = 0
                         #Peak CDSA usage
UDSASize = 0
                         #Peak UDSA usage
SDSASize = 0
                         #Peak SDSA usage
RDSASize = 0
                         #Peak RDSA usage
ECDSASize = 0
                         #Peak ECDSA usage
EUDSASize = 0
                         #Peak EUDSA usage
ESDSASize = 0
                         #Peak ESDSA usage
ERDSASize = 0
                         #Peak ERDSA usage
ETDSASize = 0
                         #Peak ETDSA usage
                         #Peak - Lowest Free
CDSAHWM = 0
UDSAHWM = 0
                         #Peak - Lowest Free
                         #Peak - Lowest Free
SDSAHWM = 0
RDSAHWM = 0
                         #Peak - Lowest Free
DSAHWMTotal = 0
                         #Total DSA HWM
DSASOSTms = 0
                         #SOS times
DSASTGVIOLTms = 0
                         #Storage Violation times
```

ECDSAHWM = 0	#Peak - Lowest Free
EUDSAHWM = 0	#Peak - Lowest Free
ESDSAHWM = 0	#Peak - Lowest Free
ERDSAHWM = 0	#Peak - Lowest Free
ETDSAHWM = 0	#Peak - Lowest Free
EDSAHWMTotal = 0	#Total EDSA HWM
EDSASOSTms = 0	#SOS times
EDSASTGVIOLTms = 0	#Storage Violation times
DSARatio = 0.0	#Peak DSA/DSALIM
EDSARatio = 0.0	#Peak EDSA/EDSALIM
CDSARatio = 0.0	#Percentage of CDSA
UDSARatio = 0.0	#Percentage of UDSA
SDSARatio = 0.0	#Percentage of SDSA
RDSARatio = 0.0	#Percentage of RDSA
ECDSARatio = 0.0	#Percentage of ECDSA
EUDSARatio = 0.0	#Percentage of EUDSA
ESDSARatio = 0.0	#Percentage of ESDSA
ERDSARatio = 0.0	#Percentage of ERDSA
ETDSARatio = 0.0	#Percentage of ETDSA
DSAHWMRatio = 0.0	#DSA HWM/DSALIM
EDSAHWMRatio = 0.0	#EDSA HWM/EDSALIM
CDSAFSTG = 0	#CDSA Free storage
UDSAFSTG = 0	<b>#UDSA</b> Free storage
SDSAFSTG = 0	#SDSA Free storage
RDSAFSTG = 0	#RDSA Free storage
ECDSAFSTG = 0	#ECDSA Free storage
EUDSAFSTG = 0	#EUDSA Free storage
ESDSAFSTG = 0	#ESDSA Free storage
ERDSAFSTG = 0	#ERDSA Free storage

CDSALFA = 0	#CDSA Largest Free Area
UDSALFA = 0	#USDA Largest Free Area
SDSALFA = 0	#SDSA Largest Free Area
RDSALFA = 0	#RDSA Largest Free Area
ECDSALFA = 0	#ECDSA Largest Free Area
EUDSALFA = 0	#EUDSA Largest Free Area
ESDSALFA = 0	#ESDSA Largest Free Area
ERDSALFA = 0	#ERDSA Largest Free Area
CDSAFragRatio = 0.0	#CDSALFA/CDSAFSTG
UDSAFragRatio = 0.0	#UDSALFA/UDSAFSTG
SDSAFragRatio = 0.0	#SDSALFA/SDSAFSTG
RDSAFragRatio = 0.0	#RDSALFA/RDSAFSTG
ECDSAFragRatio = 0.0	#ECDSALFA/ECDSAFSTG
EUDSAFragRatio = 0.0	#EUDSALFA/EUDSAFSTG
ESDSAFragRatio = 0.0	#ESDSALFA/ESDSAFSTG
ERDSAFragRatio = 0.0	#ERDSALFA/ERDSAFSTG
GDSASOSTms = 0	#GDSA SOS
GDSASTGVIOLTms = 0	#GDSA Storage Violation

	S	ri(	CS							
Global Statistics			_							
Storage protection										ACTIVE
Transaction isolati	.01	n.	ı.						:	INACTIVE
Reentrant programs			÷					÷	:	PROTECT
Current DSA limit.	÷	÷	÷	÷	÷	÷		÷	:	5120K
Current DSA total.	ī	ī		ī		ī			1	1536K
Peak DSA total									1	1536K
Current EDSA limit	÷	÷	÷	÷	÷	÷		÷	:	1280M
Current EDSA total	ī	ī	ī	ī	ī	ī	ī		Ŧ	1278M
Peak EDSA total		7							:	1278M
MEMLIMIT size	÷		÷			÷			:	NOLIMIT
MEMLIMIT set by	7	_	_	7	7	7	7	7	•	REGION

获得: STGPROT、TRANISO、REENTPG、DSALIM、PeakDSA、EDSALIM、PeakEDSA、MEMLIMIT

Dynamic Storage Areas (above 1	OP1)				
	ECDSA	EUDSA	ESDSA	ERDSA	ETDSA
Current DSA size :	208896K	1041408K	21504K	35840K	1024K
Peak DSA Size :	208896K	1041408K	21504K	35840K	1024K
Cushion Size :	128K	0K	128K	256K	128K
Free storage (inc. cushion) :	15152K	915072K	1088K	1288K	992K
Percentage free storage :	7%	87%	5%	3%	96%
Peak free storage :	15284K	1037824K	1088K	1288K	992K
Lowest free storage :	14628K	480128K	1088K	1288K	992K
Largest free area :	5120K	21504K	572K	748K	992K
Getmain Requests :	1684313	284611	18080	0	72320
Freemain Requests :	1684310	284608	18080	0	72320
Current no of Subpools :	393	31	14	4	6
Add Subpool Requests :	36223	36223	0	0	0
Delete Subpool Requests :	36223	36223	0	0	0
Times no storage returned . :	0	0	0	0	0
Times request suspended :	0	0	0	0	0
Current suspended :	0	0	0	0	0
Peak requests suspended :	0	0	0	0	0
Purged while waiting :	0	0	0	0	0
Times cushion released :	0	0	0	0	0
Times went short on storage :	0	0	0	0	0
Total time SOS :	00:00:00.0000	00:00:00.0000	00:00:00.0000	00:00:00.0000	00:00:00.0000
Average time SOS :	00:00:00.0000	00:00:00.0000	00:00:00.0000	00:00:00.0000	00:00:00.0000
Storage violations :	0	0	0	0	0
Access	CICS	USER	USER	READONLY	TRUSTED
Current extents :	43	62	21	22	1
Extents added :	0	0	0	0	0
Extents released :	0	0	0	0	0

获得: C\*、CFS\*、CLFS\*、CLFA\*

#### 以及 CDSASOSTMS 和 CDSASTGVIOLTMS

\*SIZE = C\*

\*HWM = C\*-CLFS\*

DSAHWMTotal = CDSAHWM+UDSAHWM+SDSAHWM+RDSAHWM

DSAHWMRatio = DSAHWMTotal/DSALIM

DSASOTms = CDSASOSTMS

DSASTGVIOLTms = CDSASTGVIOLTMS

\*FragRatio = CFRAGRATIO\*

(\* = CDSA, UDSA, SDSA, RDSA)

CICS 660 and below:

0 Dynamic Storage Areas (above 16M)

+					
0		ECDSA	EUDSA	ESDSA	ERDSA
0	Current DSA size :	61440K	41984K	1024K	201728K
	Peak DSA Size :	61440K	41984K	1024K	201728K
	Cushion Size :	128K	0K	128K	256K
0	Free storage (inc. cushion) :	3084K	41664K	844K	2224K
	Percentage free storage :	5%	99%	82%	1%
	Peak free storage :	3208K	41664K	848K	2324K
	Lowest free storage :	2116K	19072K	844K	2224K
	Largest free area :	1024K	2048K	844K	528K
0	Getmain Requests :	147445K	110746K	1179591	2
	Freemain Requests :	147445K	110746K	1179591	0
0	Current no of Subpools :	385	22	13	4
	Add Subpool Requests :	2354975	2354975	0	0
	Delete Subpool Requests :	2354975	2354975	0	0
0	Times no storage returned . :	0	0	0	0
	Times request suspended :	0	0	0	0
0	Current suspended :	0	0	0	0
	Peak requests suspended :	0	0	0	0
	Purged while waiting :	0	0	0	0
0	Times cushion released :	0	0	0	0
	Times went short on storage :	0	0	0	0
	Total time SOS :	00:00:00.0000	00:00:00.0000	00:00:00.0000	00:00:00.0000
	Average time SOS :	00:00:00.0000	00:00:00.0000	00:00:00.0000	00:00:00.0000
0	Storage violations :	0	0	0	0
	Access :	CICS	USER	USER	READONLY
0	Current extents :	56	30	1	176
	Extents added :	0	0	0	0
	Extents released :	0	0	0	0

获得: CE\*、CFSE\*、CLFSE\*、CLFAE\*

以及 CEDSASOSTMS 和 CEDSASTGVIOLTMS

E\*SIZE = CE\*

E\*HWM = CE\*-CLFSE\*

EDSAHWMTotal = ECDSAHWM+EUDSAHWM+ESDSAHWM+ERDSAHWM

EDSAHWMRatio = EDSAHWMTotal/EDSALIM

EDSASOTms = ECDSASOSTMS

EDSASTGVIOLTms = ECDSASTGVIOLTMS

DSARatio = CPeakDSA/CDSALIM

EDSARatio = CPeakEDSA/CEDSALIM

\*Ratio = C\*/DSATotal

E\*Ratio = EC\*/EDSATotal

E\*FragRatio = CFRAGRATIO\*

(\* = CDSA, UDSA, SDSA, RDSA)

+		
0	DYNAMIC STORAGE AREAS (ABOVE 20	(B)
+		
0		GCDSA
+	_	
0	CURRENT DSA SIZE :	6M
	PEAK DSA SIZE :	9M
	CUSHION SIZE :	64M
0	FREE STORAGE (INC. CUSHION) :	2042M
	PEAK FREE STORAGE :	2042M
	LOWEST FREE STORAGE :	2042M
	LARGEST FREE AREA :	2041M
0	GETMAIN REQUESTS :	3
	FREEMAIN REQUESTS :	3
0	CURRENT NO OF SUBPOOLS :	11
	ADD SUBPOOL REQUESTS :	2
	DELETE SUBPOOL REQUESTS :	2
)	TIMES NO STORAGE RETURNED . :	0
	TIMES REQUEST SUSPENDED :	0
)	CURRENT SUSPENDED :	0
	PEAK REQUESTS SUSPENDED :	0
	PURGED WHILE WAITING :	0
0	TIMES CUSHION RELEASED :	0
	TIMES WENT SHORT ON STORAGE :	0
	TOTAL TIME SOS :	00:00:00.0000
	AVERAGE TIME SOS :	00:00:00.0000
0	STORAGE VIOLATIONS :	0
	ACCESS	CICS
)	CURRENT EXTENTS :	1
	EXTENTS ADDED :	0
	EXTENTS RELEASED :	0

GDSASTGVIOLTms, CGDSASTGVOIL

### 10 StorageManagerReport

\_\_Title =

"Applid,Date,ResTime,ColTime,STGPROT,TRANISO,REENTPG,DSALIM,PeakDSA,EDS ALIM,PeakEDSA,MEMLIMIT,CDSASize,UDSASize,SDSASize,RDSASize,ECDSASize,E UDSASize,ESDSASize,ERDSASize,ETDSASize,DSARatio%,EDSARatio%,CDSAHWM,U DSAHWM,SDSAHWM,RDSAHWM,DSASOSTms,DSASTGVIOLTms,ECDSAHWM,EU DSAHWM,ESDSAHWM,ERDSAHWM,ETDSAHWM,EDSASOSTms,EDSASTGVIOLTm s, CDSAFragRatio%, UDSAFragRatio%, SDSAFragRatio%, RDSAFragRatio%, ECDSAFragRatio%, EUDSAFragRatio%, ESDSAFragRatio%, ERDSAFragRatio%, DSAHWMRatio%,EDSAHWMRatio%,GDSASOSTms,GDSASTGVIOLTms"

ItemList = list()

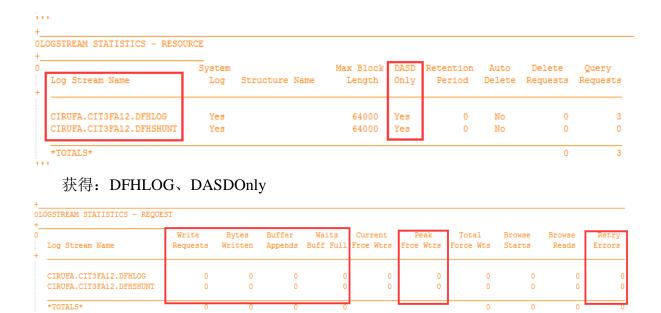
def \_\_init\_\_(self)
def AppendItem(self, SMItem)
def PrintInCSV(self)
def DumpToFile(self)

#### 11 LogManagerItem

```
__CSVString = "
Applid = "
                           #CICS Application ID
Date = "
                           #Data collection data
ResTime = "
                           #Last rest time
ColTime = "
                           #Data collection time
DFHLOG = "
                           #Name of DFHLOG
DASDOnly = "
                           #DSAD Only?
AKPFREQ = 0
                           #AKPFREQ setting
AKPTaken = 0
                           #AKP number
LGDFINT = 0
                           #LGDFINT setting
WriteReq = 0
                           #Write request number
ByteWritten = 0
                           #Bytes written
                           #Buffer append times
BufAppend = 0
                           #Times to wait due to buffer full
WaitFullBuf = 0
PkForceWts = 0
                           #The peak number of tasks suspended while requesting a
                           flush of the logstream buffer currently in use
RetryError = 0
                           #MVS system logger retryable errors occurred when a
                           block of data was being written to the logstream
                           #Write request against DFHSHUNT
ShuntWriteRequest = 0
```

#### def LogManagerItemCSV(self)

获得: AKPFRQE、AKPTaken、LGDFINT



获得: WriteReq、ByteWritten、BufAppend、WaitFullBuf、PkForceWts、

ShuntWriteRequest(index+7)

# 12 LogManagerReport

```
__Title =

"Applid,Date,ResTime,ColTime,DFHLOG,DASDOnly,AKPFREQ,AKPTaken,LGDFINT,W
riteReq,ByteWritten,BufAppend,WaitFullBuf,PkForceWts,RetryError,ShuntWriteRequest"

LGItemList = list()

def __init__(self)
 def AppendItem(self, LGItem)
 def PrintInCSV(self)
 def DumpToFile(self)
```

#### 13 DB2ENTRYItem

PthreadRatio = 0.0

\_\_CSVString = " Applid = " **#CICS Application ID** Date = " #Data collection data ResTime = " #Last rest time ColTime = " #Data collection time DB2EntryName = " #DBEntry name AccountRec = " #Accounting record ThreadWait = " #Thread wait ThreadPrty = " #Thread priority CallCount = 0#Numbers of SQL call SignonCount = 0#Numbers of Signon PartialSignon = 0**#Numbers of Partial singons** TwoPCommitCount = 0#2PC count AbortCount = 0#Abort count OnePCommitCount = 0#1PC count ThreadCreate = 0#Number of create thread requests ThreadReuse = 0#Times to reuse a thread ThreadTerms = 0#Number of terminate thread requests ThreadWtOrOF = 0#Times all threads were busy and a transaction had to wait for a thread to become available, or overflow to the pool ThreadLimit = 0#Thread Limit for this DB2ENTRY ThreadHWM = 0#Peak active threads PthreadLimit = 0#Protected thread limit PthreadHWM = 0#Peak active protected threads Readyq = 0#Peak number of CICS tasks that waited for a thread to become available on this DB2ENTRY Reuselm = 0#Times the reuselimit has been reached by a thread for this **DB2ENTRY** CommitRatio = 0.0#Percentage of success commit ThreadRatio = 0.0#Percentage of thread limit usage

#Percentage of pthread usage

### $def\ DB2ENTRYItemCSV(self)$

ODB2ENTRY STATI	STICS -	RESOURCES

Name	+								
CICSIAD CIUCICS USERID NONE POOL EQUAI DB2EAT PLANCGAT NGDBA N/A TASK POOL EQUAI DB2EK PLANCGK NGDBA N/A TASK POOL EQUAI DB2EK PLANCGL NGDBA N/A TASK POOL EQUAI DB2EL PLANCGL NGDBA N/A TASK POOL EQUAI DB2EM PLANCGM NGDBA N/A TASK POOL EQUAI DB2EN PLANCGM NGDBA N/A TASK POOL EQUAI DB2EN PLANCGO NGDBA N/A TASK POOL EQUAI DB2EO PLANCGO NGDBA N/A TASK POOL EQUAI DB2EOT PLANCGOT NGDBA N/A TASK POOL EQUAI DB2EP PLANCGP NGDBA N/A TASK POOL EQUAI DB2EP PLANCGP NGDBA N/A TASK POOL EQUAI DB2EP PLANCGR NGDBA N/A TASK POOL EQUAI DB2ER PLANCGR NGDBA N/A TASK POOL EQUAI DB2ES PLANCGS NGDBA N/A TASK POOL EQUAI DB2ES PLANCGS NGDBA N/A TASK POOL EQUAI DB2ES PLANCGV NGDBA N/A TASK POOL EQUAI DB2EV PLANCGV NGDBA N/A TASK POOL EQUAI DB2EV PLANCGV NGDBA N/A TASK POOL EQUAI DB2EV PLANCGV NGDBA N/A TASK POOL EQUAI DB2EX PLANCGY NGDBA N/A TASK POOL EQUAI DB2	0	DB2Entry	Plan	PlanExit	Auth	Auth	Account	Thread	Thread
CICSIAD CIUCICS  DB2EAT PLANCGAT NGDBA N/A TASK POOL EQUAL DB2EK PLANCGK NGDBA N/A TASK POOL EQUAL DB2EK PLANCGK NGDBA N/A TASK POOL EQUAL DB2EL PLANCGM NGDBA N/A TASK POOL EQUAL DB2EM PLANCGM NGDBA N/A TASK POOL EQUAL DB2EM PLANCGM NGDBA N/A TASK POOL EQUAL DB2EM PLANCGM NGDBA N/A TASK POOL EQUAL DB2EN PLANCGO NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2ER PLANCGR NGDBA N/A TASK POOL EQUAL DB2ER PLANCGR NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EW PLANCGU NGDBA N/A TASK POOL EQUAL DB2EY PLANCGU NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGU NGDBA N/A TAS		Name	Name	Name	Id	Type	Records	Wait	Prty
DB2EAT	+	·							
DB2EAT									
DB2EK PLANCGK NGDBA N/A TASK POOL EQUAL DB2EL PLANCGL NGDBA N/A TASK POOL EQUAL DB2EM PLANCGM NGDBA N/A TASK POOL EQUAL DB2EM PLANCGM NGDBA N/A TASK POOL EQUAL DB2EN PLANCGO NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2EOT PLANCGOT NGDBA N/A TASK POOL EQUAL DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2EP PLANCGR NGDBA N/A TASK POOL EQUAL DB2ER PLANCGR NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EV PLANCGU NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EX PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG6		CICSIAD	CIUCICS			USERID	NONE	POOL	EQUAL
DB2EL PLANCGL NGDBA N/A TASK POOL EQUAL DB2EN PLANCGN NGDBA N/A TASK POOL EQUAL DB2EN PLANCGO NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2EOT PLANCGOT NGDBA N/A TASK POOL EQUAL DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2EP PLANCGR NGDBA N/A TASK POOL EQUAL DB2ER PLANCGR NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EV PLANCGV NGDBA N/A TASK POOL EQUAL DB2EV PLANCGV NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCG NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG NGDBA N/A TASK POO		DB2EAT	PLANCGAT		NGDBA	N/A	TASK	POOL	EQUAL
DB2EM PLANCGM NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2EOT PLANCGOT NGDBA N/A TASK POOL EQUAL DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2EP PLANCGQ NGDBA N/A TASK POOL EQUAL DB2EQ PLANCGQ NGDBA N/A TASK POOL EQUAL DB2ER PLANCGR NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGV NGDBA N/A TASK POOL EQUAL DB2EV PLANCGV NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E2 PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG NGDBA N/A TASK POOL		DB2EK	PLANCGK		NGDBA	N/A	TASK	POOL	EQUAL
DB2EN         PLANCGN         NGDBA         N/A         TASK         POOL         EQUAL           DB2EO         PLANCGO         NGDBA         N/A         TASK         POOL         EQUAL           DB2EOT         PLANCGOT         NGDBA         N/A         TASK         POOL         EQUAL           DB2EP         PLANCGP         NGDBA         N/A         TASK         POOL         EQUAL           DB2EQ         PLANCGQ         NGDBA         N/A         TASK         POOL         EQUAL           DB2ER         PLANCGR         NGDBA         N/A         TASK         POOL         EQUAL           DB2ES         PLANCGS         NGDBA         N/A         TASK         POOL         EQUAL           DB2ET         PLANCGT         NGDBA         N/A         TASK         POOL         EQUAL           DB2EU         PLANCGU         NGDBA         N/A         TASK         POOL         EQUAL           DB2EV         PLANCGW         NGDBA         N/A         TASK         POOL         EQUAL           DB2EX         PLANCGY         NGDBA         N/A         TASK         POOL         EQUAL           DB2EY         PLANCGY         NGDBA		DB2EL	PLANCGL		NGDBA	N/A	TASK	POOL	EQUAL
DB2EO         PLANCGO         NGDBA         N/A         TASK         POOL         EQUAL           DB2EOT         PLANCGOT         NGDBA         N/A         TASK         POOL         EQUAL           DB2EP         PLANCGP         NGDBA         N/A         TASK         POOL         EQUAL           DB2EQ         PLANCGQ         NGDBA         N/A         TASK         POOL         EQUAL           DB2ER         PLANCGR         NGDBA         N/A         TASK         POOL         EQUAL           DB2ES         PLANCGS         NGDBA         N/A         TASK         POOL         EQUAL           DB2ET         PLANCGT         NGDBA         N/A         TASK         POOL         EQUAL           DB2EU         PLANCGU         NGDBA         N/A         TASK         POOL         EQUAL           DB2EV         PLANCGV         NGDBA         N/A         TASK         POOL         EQUAL           DB2EW         PLANCGW         NGDBA         N/A         TASK         POOL         EQUAL           DB2EY         PLANCGY         NGDBA         N/A         TASK         POOL         EQUAL           DB2E2         PLANCG2         NGDBA		DB2EM	PLANCGM		NGDBA	N/A	TASK	POOL	EQUAL
DB2EOT PLANCGOT NGDBA N/A TASK POOL EQUAL DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2EQ PLANCGQ NGDBA N/A TASK POOL EQUAL DB2EQ PLANCGR NGDBA N/A TASK POOL EQUAL DB2ER PLANCGR NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EV PLANCGV NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E1 PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCGO NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8		DB2EN	PLANCGN		NGDBA	N/A	TASK	POOL	EQUAL
DB2EP PLANCGP NGDBA N/A TASK POOL EQUAL DB2EQ PLANCGQ NGDBA N/A TASK POOL EQUAL DB2ER PLANCGR NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EV PLANCGW NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8		DB2E0	PLANCGO		NGDBA	N/A	TASK	POOL	EQUAL
DB2EQ PLANCGQ NGDBA N/A TASK POOL EQUAL DB2ER PLANCGS NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E1 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E2 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E2 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E3 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E4 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E5 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E5 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E6 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E7 PLANCGI NGDBA N/A TASK POOL EQUAL DB2E8		DB2EOT	PLANCGOT		NGDBA	N/A	TASK	POOL	EQUAL
DB2ER PLANCGR NGDBA N/A TASK POOL EQUAL DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EV PLANCGV NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E1 PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG6		DB2EP	PLANCGP		NGDBA	N/A	TASK	POOL	EQUAL
DB2ES PLANCGS NGDBA N/A TASK POOL EQUAL DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EV PLANCGV NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL		DB2EQ	PLANCGQ		NGDBA	N/A	TASK	POOL	EQUAL
DB2ET PLANCGT NGDBA N/A TASK POOL EQUAL DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EV PLANCGV NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EX PLANCGY NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG7 NGDBA N/A TASK POOL EQUAL		DB2ER	PLANCGR		NGDBA	N/A	TASK	POOL	EQUAL
DB2EU PLANCGU NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8		DB2ES	PLANCGS		NGDBA	N/A	TASK	POOL	EQUAL
DB2EV PLANCGV NGDBA N/A TASK POOL EQUAL DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL		DB2ET	PLANCGT		NGDBA	N/A	TASK	POOL	EQUAL
DB2EW PLANCGW NGDBA N/A TASK POOL EQUAL DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL		DB2EU	PLANCGU		NGDBA	N/A	TASK	POOL	EQUAL
DB2EX PLANCGX NGDBA N/A TASK POOL EQUAL DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL		DB2EV	PLANCGV		NGDBA	N/A	TASK	POOL	EQUAL
DB2EY PLANCGY NGDBA N/A TASK POOL EQUAL DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2EO PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL		DB2EW	PLANCGW		NGDBA	N/A	TASK	POOL	EQUAL
DB2EZ PLANCGZ NGDBA N/A TASK POOL EQUAL DB2E0 PLANCGO NGDBA N/A TASK POOL EQUAL DB2E1 PLANCG1 NGDBA N/A TASK POOL EQUAL DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL						N/A			EQUAL
DB2E0         PLANCG0         NGDBA         N/A         TASK         POOL         EQUAL           DB2E1         PLANCG1         NGDBA         N/A         TASK         POOL         EQUAL           DB2E2         PLANCG2         NGDBA         N/A         TASK         POOL         EQUAL           DB2E3         PLANCG3         NGDBA         N/A         TASK         POOL         EQUAL           DB2E4         PLANCG4         NGDBA         N/A         TASK         POOL         EQUAL           DB2E5         PLANCG5         NGDBA         N/A         TASK         POOL         EQUAL           DB2E6         PLANCG6         NGDBA         N/A         TASK         POOL         EQUAL           DB2E7         PLANCG7         NGDBA         N/A         TASK         POOL         EQUAL           DB2E8         PLANCG8         NGDBA         N/A         TASK         POOL         EQUAL					NGDBA	N/A		POOL	EQUAL
DB2E1         PLANCG1         NGDBA         N/A         TASK         POOL         EQUAL           DB2E2         PLANCG2         NGDBA         N/A         TASK         POOL         EQUAL           DB2E3         PLANCG3         NGDBA         N/A         TASK         POOL         EQUAL           DB2E4         PLANCG4         NGDBA         N/A         TASK         POOL         EQUAL           DB2E5         PLANCG5         NGDBA         N/A         TASK         POOL         EQUAL           DB2E6         PLANCG6         NGDBA         N/A         TASK         POOL         EQUAL           DB2E7         PLANCG7         NGDBA         N/A         TASK         POOL         EQUAL           DB2E8         PLANCG8         NGDBA         N/A         TASK         POOL         EQUAL					NGDBA	N/A	TASK	POOL	EQUAL
DB2E2 PLANCG2 NGDBA N/A TASK POOL EQUAL DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL									EQUAL
DB2E3 PLANCG3 NGDBA N/A TASK POOL EQUAL DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL									EQUAL
DB2E4 PLANCG4 NGDBA N/A TASK POOL EQUAL DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL									EQUAL
DB2E5 PLANCG5 NGDBA N/A TASK POOL EQUAL DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL									EQUAL
DB2E6 PLANCG6 NGDBA N/A TASK POOL EQUAL DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL									EQUAL
DB2E7 PLANCG7 NGDBA N/A TASK POOL EQUAL DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL									EQUAL
DB2E8 PLANCG8 NGDBA N/A TASK POOL EQUAL									EQUAL
~									EQUAL
DB2E9 PLANCG9 NGDBA N/A TASK POOL EQUAL					NGDBA				EQUAL
		DB2E9	PLANCG9		NGDBA	N/A	TASK	POOL	EQUAL

获得: DB2EntryName、AccountRec、ThreadWait、ThreadPrty

DB2Entry Name	Call Count	Signon Count	Partial Signon	Commit Count	Abort Count	Single Phase	Thread Create	Thread Reuse	Thread Terms	Thread Waits/Overflow
CICSIAD	0	0	0	0	0	0	0	0	0	0
DB2EAT	0	0	0	0	0	0	0	0	0	0
DB2EK	0	0	0	0	0	0	0	0	0	0
DB2EL	0	0	0	0	0	0	0	0	0	0
DB2EM	0	0	0	0	0	0	0	0	0	0
DB2EN	41096	768	768	583	372	476	330	1101	330	0
DB2EO	600227	4747	4747	14	124	4964	418	4628	418	56
DB2EOT	11131240	185320	185320	23671	117812	45159	253	185909	252	0
DB2EP	3353	33	33	0	6	83	21	68	21	0
DB2EQ	0	0	0	0	0	0	0	0	0	0
DB2ER	6045	1209	1209	0	0	1209	153	1056	152	0
DB2ES	0	0	0	0	0	0	0	0	0	0
DB2ET	33089	183	183	0	0	202	72	130	71	0
DB2EU	0	0	0	0	0	0	0	0	0	0
DB2EV	0	0	0	0	0	0	0	0	0	0
DB2EW	1599612	12233	12233	2	30	12246	14	12264	14	0
DB2EX	59976	141	141	0	30	341	89	282	89	0
DB2EY	822	6	6	0	1	7	5	3	5	0
DB2EZ	506	10	10	0	0	11	3	8	3	0
DB2E0	505632	5160	5160	0	410	4772	144	5038	144	0
DB2E1	201520	2859	2859	0	41	5021	160	4901	161	0
DB2E2	83354	233	233	0	58	424	117	362	117	0
DB2E3	1161174	3968	3968	0	637	7148	126	7659	127	0
DB2E4	369160	2364	2363	0	119	3820	162	3764	163	0
DB2E5	3170112	1806	1806	30	252	1756	237	1801	237	0
DB2E6	48024	96	96	0	11	148	63	96	63	0
DB2E7	288	8	8	1	0	14	4	11	4	0
DB2E8	0	0	0	0	0	0	0	0	0	0
DB2E9	0	0	0	0	0	0	0	0	0	0

获得: CallCount、SignonCount、PartialSignon、TwoPCommitCount、AbortCount、OnePCommitCount、ThreadCreate、ThreadReuse、ThreadTerms、ThreadWtOrOFCommitRatio = (TwoPCommitCount+OnePCommitCount)/(TwoPCommitCount+OnePCommitCount+AbortCount)

CICS 660 and below:

)B2Entry Name	Thread Limit	Thread Current	Thread HWM	Pthread Limit	Pthread Current	Pthread HWM	Task Current	Task HWM	Task Total	Readyq Current	Readyq HWM
CICSIAD	15	0	0	0	0	0	0	0	0	0	
B2EAT	20	0	0	10	0	0	0	0	0	0	
B2EK	10	0	0	5	0	0	0	0	0	0	
B2EL	10	0	0	5	0	0	0	0	0	0	
DB2EM	10	0	0	5	0	0	0	0	0	0	
B2EN	20	0	8	5	1	5	0	8	1431	0	
B2EO	10	0	10	5	1	5	0	20	4735	0	
B2EOT	20	0	7	5	2	5	0	7	185314	0	
B2EP	10	0	1	5	0	1	0	1	33	0	
B2EQ	10	0	0	5	0	0	0	0	0	0	
B2ER	10	0	2	5	1	2	0	2	1209	0	
B2ES	10	0	0	5	0	0	0	0	0	0	
B2ET	10	0	1	5	1	1	0	1	183	0	
B2EU	10	0	0	5	0	0	0	0	0	0	
B2EV	10	0	0	5	0	0	0	0	0	0	
B2EW	10	0	2	5	1	2	0	2	12233	0	
B2EX	10	0	3	5	1	3	0	3	141	0	
B2EY	10	0	1	5	0	1	0	1	6	0	
B2EZ	10	0	1	5	0	1	0	1	10	0	
B2E0	100	0	2	50	1	2	0	2	5160	0	
)B2E1	60	0	1	30	0	1	0	1	2859	0	
B2E2	30	0	1	15	0	1	0	1	233	0	
B2E3	10	0	3	5	0	3	0	3	3968	0	
)B2E4	30	0	3	15	0	3	0	3	2364	0	
B2E5	10	0	2	5	1	2	0	2	1806	0	
B2E6	10	0	1	5	0	1	0	1	96	0	
B2E7	10	0	1	5	0	1	0	1	8	0	
B2E8	10	0	0	5	0	0	0	0	0	0	
B2E9	10	0	0	5	0	0	0	0	0	0	

获得 ThreadLimit、ThreadHWM、PthreadLimit、PthreadHWM、Readyq、Reuselm

ThreadRatio = ThreadHWM/ThreadLimit
PthreadRatio = PthreadHWM/PthreadLimit

#### 14 DB2CONNItem

```
__CSVString = "
Applid = "
                          #CICS Application ID
Date = "
                          #Data collection data
ResTime = "
                          #Last rest time
ColTime = "
                          #Data collection time
DB2Conn = "
                          #DB2CONN name
TCBLimit = 0
                          #TCBLIMIT
PkConnWithTCB = 0
                          #Peak Connection
PkConnReadyq = 0
                          #Peak number of tasks on the Conn Readyq
PoolPriority = "
                          #Priority of the pool thread
PkPoolTasks = 0
                          #Peak number of Pool Threads in use
PkPoolReadyq = 0
                          #Peak number of tasks on the Pool Readyq
PkCmdThreads = 0
                          #Peak number of Command Threads
DB2TCBRatio = 0.0
                          #Percentage of TCBLIMIT usage
DB2ENTRYItemList = list()
def __init__(self)
def AppendDB2Entry(self,DB2ENTRYItem)
def PeakDEItem(self)
def DB2CONNItemCSV(self)
```



获得: DB2Conn、TCBLimit、PkConnWithTCB、PkConnReadyq、PoolPriority、PkPoolTasks、PkPoolReadyq、PkCmdThreads
DB2TCBRatio = CPkConnWithTCB/CTCBLimit

### 15 DB2Report

```
__Title_DC =

"Applid,Date,ResTime,ColTime,DB2Conn,TCBLimit,PkConnWithTCB,PkConnReadyq,Pool
Priority,PkPoolTasks,PkPoolReadyq,PkCmdThreads,DB2TCBRatio%"

__Title_DE =
```

"Applid,Date,ResTime,ColTime,DB2EntryName,AccountRec,ThreadWait,ThreadPrty,CallCount,TwoPCommitCount,AbortCount,OnePCommitCount,ThreadCreate,ThreadReuse,ThreadTerms,ThreadLimit,ThreadHWM,PthreadLimit,PthreadHWM,Readyq,Reuselm,CommitRatio%,ThreadRatio%,PthreadRatio%"

```
DB2CONNItemList = list()

def __init__(self)

def AppendItem(self, DB2CONNItem)

def PrintInCSV(self)

def DumpToFile(self)
```

### 16 DumpItem

```
__CSVString = "
Applid = "
                          #CICS Application ID
Date = "
                          #Data collection data
ResTime = "
                          #Last rest time
ColTime = "
                          #Data collection time
SysDumpTaken = 0
                          #System dumps taken
SysDumpSupp = 0
                          #System dumps suppressed
TranDumpTaken = 0
                          #Transaction dump taken
TranDumpSupp = 0
                          #Transaction dump suppressed
def DumpItemCSV(self)
                        ODUMP STATISTICS
                          System Dumps
                        O Dumps taken
                         Dumps suppressed :
```

获得 SysDumpTaken、SysDumpSupp

```
- Transaction Dumps
+ _____
0 Dumps taken :
Dumps suppressed :
```

获得 TranDumpTaken、TranDumpSupp

# 17 DumpReport

```
__Title =

"Applid,Date,ResTime,ColTime,SysDumpTaken,SysDumpSupp,TranDumpTaken,TranDumpSupp"

DumpItemList = list()

def __init__(self)
 def AppendItem(self, DumpItem)
 def PrintInCSV(self)
 def DumpToFile(self)
```

### 18 TSQItem

\_\_CSVString = " Applid = " **#CICS** Application ID Date = " #Data collection data ResTime = " #Last rest time ColTime = " #Data collection time #Put main TSQ requests PutqMainReqs = 0#Get main TSQ requests GetqMainReqs = 0TSMAINLIMIT = 0#Main stroage limit for TSQ TSMAINLIMITTms = 0#Times to reach TSQ storage limit PeakUsedTSMAIN = 0#Storage used TSMAINLIMITRatio = 0.0#Percentage of TSMAINLIMIT usaged AutoDelTSQs = 0#Number of TS queues auto-deleted PutqAuxReqs = 0#Put/Putq auxiliary storage requests GetqAuxReqs = 0#Get/Getq auxiliary storage requests QueueCreTms = 0#Times queues created CISize = 0#Control Interval size WriteMTCI = 0#Writes more than control interval LongestRec = 0#Longest auxiliary temp storage record AuxStgExh = 0#Times aux. storage exhausted TSCompress = 0#Number of temp storage compressions BufferWait = 0#Buffer waits StringWait = 0**#String wait** #IO error on TS dataset IOErrorTSQDS = 0GetqShareReqs = 0#Shared read requests PutqShareReqs = 0#Shared write requests def TSQItemCSV(self)

... OTEMPORARY STORAGE Put/Putq main storage requests Get/Getq main storage requests TSMAINLIMIT Setting 67108864 Times at TSMAINLIMIT Current storage used for TSMAINLIMIT 4 Peak storage used for TSMAINLIMIT Number of TS queues auto-deleted Number of times cleanup task has run Put/Putq auxiliary storage requests Get/Getq auxiliary storage requests Peak temporary storage names in use 6 Current temporary storage names in use : 2 Number of entries in longest queue Times queues created 50116 Control interval size Available bytes per control interval Segments per control interval 63 64 Bytes per segment Writes more than control interval 50 6817 Longest auxiliary temp storage record Number of control intervals available 53999 Peak control intervals in use 4 Current control intervals in use 3 limes aux. storage exhausted Number of temp storage compressions Temporary storage buffers 45 Buffer waits Peak users waiting on buffer 0 0 Current users waiting on buffer Buffer writes 0 Forced writes for recovery 0 Buffer reads 0 0 Format writes O Temporary storage strings 20 Peak number of strings in use 0 Times string wait occurred Peak number of users waiting on string : Current users waiting on string I/O errors on TS dataset Shared pools defined Shared pools currently connected 0 Shared read requests Shared write requests

获得: PutqMainReqs、GetqMainReqs、TSMAINLIMIT、TSMAINLIMITTms、PeakUsedTSMAIN、AutoDelTSQs、PutqAuxReqs、GetqAuxReqs、QueueCreTms、CISize、WriteMTCI、LongestRec、AuxStgExh、TSCompress、BufferWait、StringWait、IOErrrorTSQDS、GetqShareReqs、PutqShareReqs

TSMAINLIMItRatio = PeakUsedTSMAIN/TSMAINLIMIT

## 19 TSQReport

\_\_Title =

"Applid,Date,ResTime,ColTime,PutqMainReqs,GetqMainReqs,TSMAINLIMIT,TSMAINLI MITTms,PeakUsedTSMAIN,TSMAINLIMITRatio%,AutoDelTSQs,PutqAuxReqs,GetqAux Reqs,QueueCreTms,CISize,WriteMTCI,LongestRec,AuxStgExh,TSCompress,BufferWait,Str ingWait,IOErrorTSQDS,GetqShareReqs,PutqShareReqs"

TSQItemList = list()

def \_\_init\_\_(self)

def AppendItem(self, TSQItem)

def PrintInCSV(self)

def DumpToFile(self)

## 20 TDQItem

\_\_CSVString = "

Applid = " #CICS Application ID

Date = " #Data collection data

ResTime = " #Last rest time

ColTime = " #Data collection time

 $\begin{aligned} & \text{PutqIntraReqs} = 0 & & \text{#Writes to intrapartition dataset} \\ & \text{GetqIntraReqs} = 0 & & \text{#Reads from intrapartition dataset} \end{aligned}$ 

IOErrors = 0 #I/O errors

BufferWait = 0 #Intrapartition buffer waits

StringWait = 0 #String waits

NOSPACETms = 0 #NOSPACE condition

def TDQItemCSV(self)

111			
+			
OTRANSIENT DATA			
<u>+</u>			
Control interval size	<u>:</u>	:	32768
Control intervals		:	22000
Current control inter	rval in use	:	2
Peak control interval	s used	:	6
O Times NOSPACE occurre	ed	:	0
O Writes to intrapartit	ion dataset	:	0
Reads from intraparti	tion dataset	:	0
Formatting writes		:	0
I/O errors		:	0
O Intrapartition buffer	:3	:	3000
Current buffers conta	ining valid data	:	1
Peak intra. buffers o	containing valid data	:	5
Intrapartition access	es	:	254880
Current concurrent bu	iffer accesses	:	0
Peak concurrent intra	partition accesses	:	1
Intrapartition buffer	waits	:	0
Current intrapartition	n buffer waits	:	0
Intrapartition buffer	waits :		0
Number of strings		:	255
Times string accessed	i	:	0
Current concurrent st	ring accesses	:	0
Peak concurrent strin	ng accesses	:	0
Intrapartition string	waits	:	0
Current intrapartition	n string waits	:	0
String waits	1		0

获得: NOSPACETms、PutqIntraReqs、GetqIntraReqs、IOErrors、IntraBuffers、PeakIntraBufferData、BufferWait、StringNum、StringWait

# 21 TDQReport

```
__Title =
```

"Applid, Date, Res Time, Col Time, NOSPACET ms, PutqIntra Reqs, GetqIntra Reqs, Intra Buffers, PutqIntra Buff Data, Buffer Wait, String Num, String Wait"

```
TDQItemList = list()

def __init__(self)

def AppendItem(self, TDQItem)

def PrintInCSV(self)

def DumpToFile(self)
```

#### 22 ConnectionItem

```
Applid = "
                         #CICS Application ID
Date = "
                         #Data collection data
ResTime = "
                         #Last rest time
ColTime = "
                         #Data collection time
TotalAlloc = 0
                         #TOTAL NUMBER OF ALLOCATES
QueuedAlloc = 0
                         #QUEUED ALLOCATES
FailedLinkAlloc = 0
                         #FAILED LINK ALLOCATES
FailedAllocSessUsed = 0
                         #FAILED ALLOCATES DUE TO SESSIONS IN USE
```

#### def ConnectionCSV(self)



获得: TotalAlloc、QueuedAlloc、FailedLinkAlloc、FailedAllocSessUsed

# 23 ConnectionReport

```
__Title =
"Applid,Date,ResTime,ColTime,TotalAlloc,QueuedAlloc,FailedLinkAlloc,FailedAllocSessU
sed"

CONItemList = list()

def __init__(self)
    def AppendItem(self, CONItem)
    def PrintInCSV(self)
    def DumpToFile(self)
```

#### 24 IntervalItem

```
__CSVString = "
Applid = "
                          #CICS Application ID
Date = "
                          #Data collection data
ResTime = "
                          #Last rest time
ColTime = "
                          #Data collection time
TMItem = TransactionManagerItem()
DSItem = DispatcherItem()
NQItem = EnqueueItem()
SMItem = StorageManagerItem()
LGItem = LogManagerItem()
DCItem = DB2CONNItem()
DUItem = DumpItem()
TSQItem = TSQItem()
TDQItem = TDQItem()
CONItem = ConnectionItem()
def __init__(self)
def UpdateIntervalInfo(self) 更新 10 个 Item 的 4 个基本信息
def IntervalFullJSON(self)
def IntervalBriefJSON(self)
```

获得: APPLID、CollectDate、CollectTime、LastResetTime、IntervalV

ReportType 0:INTERVAL ERPORT

1:END OF DAY STATISTICS REPORT 2:REQUESTED STATISTICS REPORT

if(APPLID 不符合正则) 跳过

if(APPLID 不同||ResetTime 不同)
if(APPID 空&&ResTIme 空) 填充当前 IntItem else 新建 IntItem

# 25 IntervalItemListByInterval

ResTimeMin = " #Last rest time in minutes, remove second because second

may be different for applids

ColTimeMin = " #Data collection time in minutes, remove second because

second may be different for applids

ItemList = list()
TotTranNum = 0

ScoreTransaction = 100

RiskTransaction = "

ScoreDispatch = 100

RiskDispatch = "

ScoreStorage = 100

RiskStorage = "

ScoreData = 100

RiskData = "

ScoreQueue = 100

RiskQueue = "

ScoreOther = 100

RiskOther = "

global DSARATIOTHRES

global EDSARATIOTHRES

global QRDISPRATIOTHRES

global ENQIMMESUCCESSTHRESHOLD

global TMFlag

global TCFlag

```
global DSFlag
global LGFlag
global DBFlag
global NQFlag
global TSQFlag
global TDQFlag
global SMFlag
global CONFlag
global DUFlag
def __init__(self)
def AppendItem(self,IntervalItem)
def InsightsTM(self)
def InsightsTC(self)
def InsightsDS(self)
def InsightsSM(self)
def InsightsLG(self)
def InsightsDB(self)
def InsightsNQ(self)
def InsightsTSQ(self)
def InsightsTDQ(self)
def InsightsCON(self)
def InsightsDU(self)
def InsightsRiskSummary(self)
def IntervalScoreJSON(self)
def HealthSummary(self)
```

### 26 IntervalReport

```
IntervalItemList = list()
SubListbyInterval = list()
ApplidSet = set()
ApplidNum = 0
IntervalSet = set()
IntervalNum = 0
PeakColTime = "
PeakTotalTran = 0
PeakIndex = -1
ExtractFlag = 0
def __init__(self)
def AppendItem(self,IntItem)
def ExtractInfo(self)
def SummInfoJSON(self)
def TrendInfoJSON(self)
def PeakInfoJSON(self)
def PeakScoreJSON(self)
def InsightsTMPeak(self)
def InsightsDSPeak(self)
def InsightsSMPeak(self)
def InsightsTCPeak(self)
def InsightsLGPeak(self)
def InsightsDBPeak(self)
def InsightsNQPeak(self)
def InsightsTSQPeak(self)
def InsightsTDQPeak(self)
def InsightsCONPeak(self)
def InsightsDUPeak(self)
def InsightsScorePeak(self)
def InsightsAllInterval(self)
```