



*The future runs on System z*

## **CICS Explorer - the new face of CICS**

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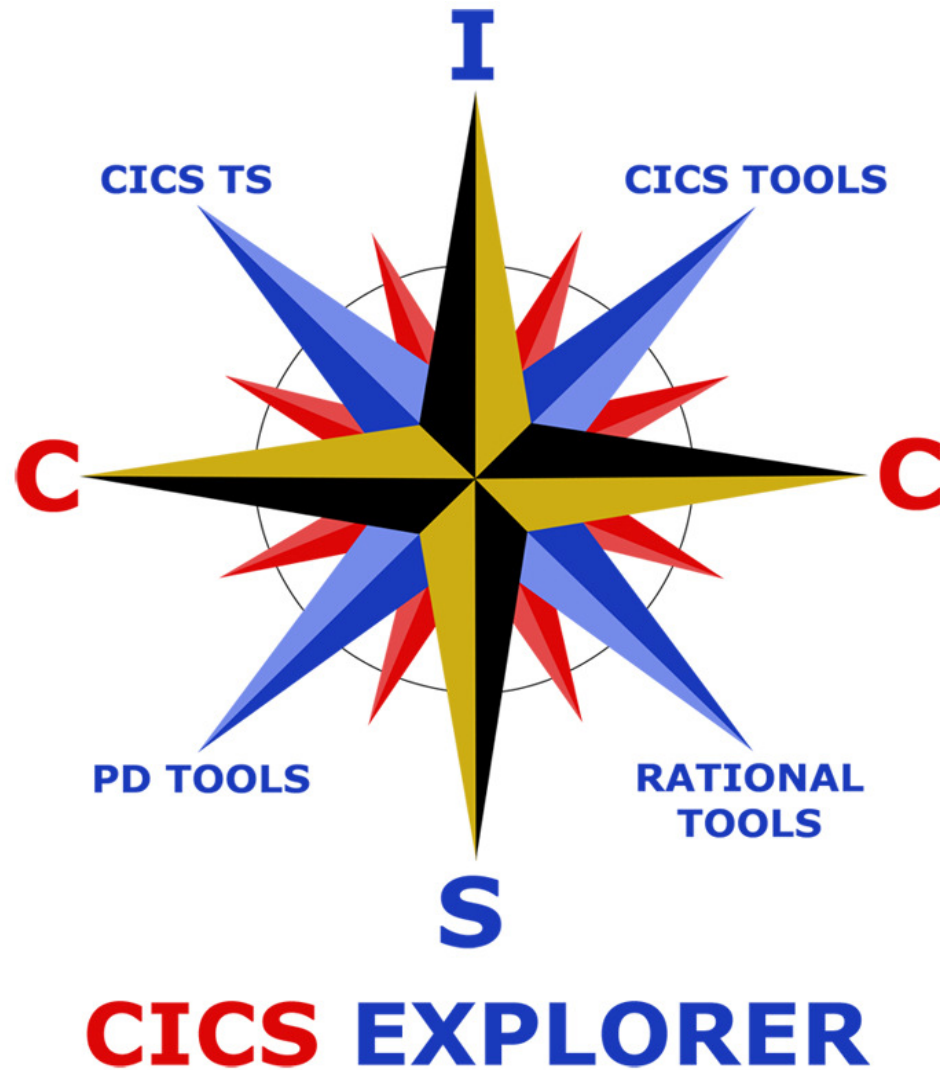
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# The New Face of CICS





# The changing world.....

- **First- and second-generation System z specialists exit the industry**
  - Enterprises must transfer skills, knowledge and best practices to new CICS technical staff
  - Productivity must be maintained, and service-levels protected
  - Experienced CICS systems programmers, developers, and support personnel are asked to do more with less

# The changing world (continued).....



- **Opportunity to build new System z skill pool**
  - Specialists can collaborate with new developers and administrators to create new applications
  - Operational management of IT resources with consistent and consolidated views
  - 550 schools worldwide are offering coursework on IBM System z
  
- **CICS family committed to reducing skill barriers**
  - To the development of CICS systems
  - To the management of CICS systems

# Our Solution

## ■ Simplify CICS

- Single user interface for CICS & CICSplex SM
  - Common, intuitive, Eclipse-based tooling environment for both new and experienced
    - Architects
    - Developers
    - System administrators
    - System programmers
    - Operators

## ■ Integration platform - Value of the sum exceeds the part

- First class cross tooling integration
- Consistent views across tooling
- Consolidated tooling with a central view into the CICS world
- Supports CICS runtime, CICS tools, CICS connectors, plus other IBM and third-party software products
- Integrated access to a broad range of data and control capabilities

## ■ Software Development Kit (SDK)

- Provides separately packaged plug-ins for any Eclipse-based environment including RDz
- API allows 3rd parties to extend or integration existing capability
- Layered architecture allows Eclipse-independent components to be used in any environment

# CICS Explorer

## The New Face of CICS



### ■ Key features

- Task-oriented views provide integrated access to broad range of data and control capabilities
- Common, intuitive, Eclipse-based environment for architects, developers, administrators, system programmers, and operators
- Integration point for CICS TS, CICS Tools, CICS TG, PD Tools, and Rational Tools
- Extensible by ISVs, SIs, and customers

### Currently in CICS Explorer

- CICS TS - Real-time resource status
- CICS IA - Resource dependency views
- CICS CM - Manage and Control resource definitions
- CICS PA - Performance data drill-down, Threadsafe analysis
- RDz – Powerful, context-sensitive resource editors
- CICS TG – Gateway correlation
- OMEGAMON XE for CICS - PoC

# CICS Explorer Integration Platform



- **CICS Tools**
  - CICS Configuration Manager (CM)
  - CICS Interdependency Analyzer (IA)
  - CICS Performance Analyzer (PA)
- **CICS Transaction Gateway**
- **Rational Developer for Z**
- **OMEGAMON XE for CICS PoC**



# CICS Configuration Manager for z/OS (CICS CM)



## ■ Key features

- Create, Update, Delete, Copy, Replicate CICS resource definitions
- Resource comparisons
  - Compare resources
  - Compare groups
  - Orphaned resource analysis
- Change management through the life-cycle stages, e.g. development, test, production
  - Transformation Rules
  - Packages
  - Automatic install/newcopy
- Create customized reports to identify redundant definitions, show resource relationships and change management history
- Audit, back-out and change authorization capabilities
- Cold Start Analysis

## Analyzer for z/OS (CICS IA)

### ■ Key features

- Captures resource relationships such as
  - Programs with potential affinities
  - Resources used by a transaction - Programs, Files, TSQs, TDQs plus DB2, MQ and IMS DB
  - Resources no longer used
  - Transactions with affinities to other transactions and the type and lifetimes of these affinities
  - Sequencing of transactions within an application
  - Transactions with affinities to particular CICS regions
  - Program command usage for threadsafe analysis
- Threadsafe analysis and reporting
- Run-time and batch reporting tool
- Relationship data loaded onto a DB2 data base
  - Query interface and sample queries provided for comprehensive analysis

# CICS Performance Analyzer for z/OS (CICS PA)

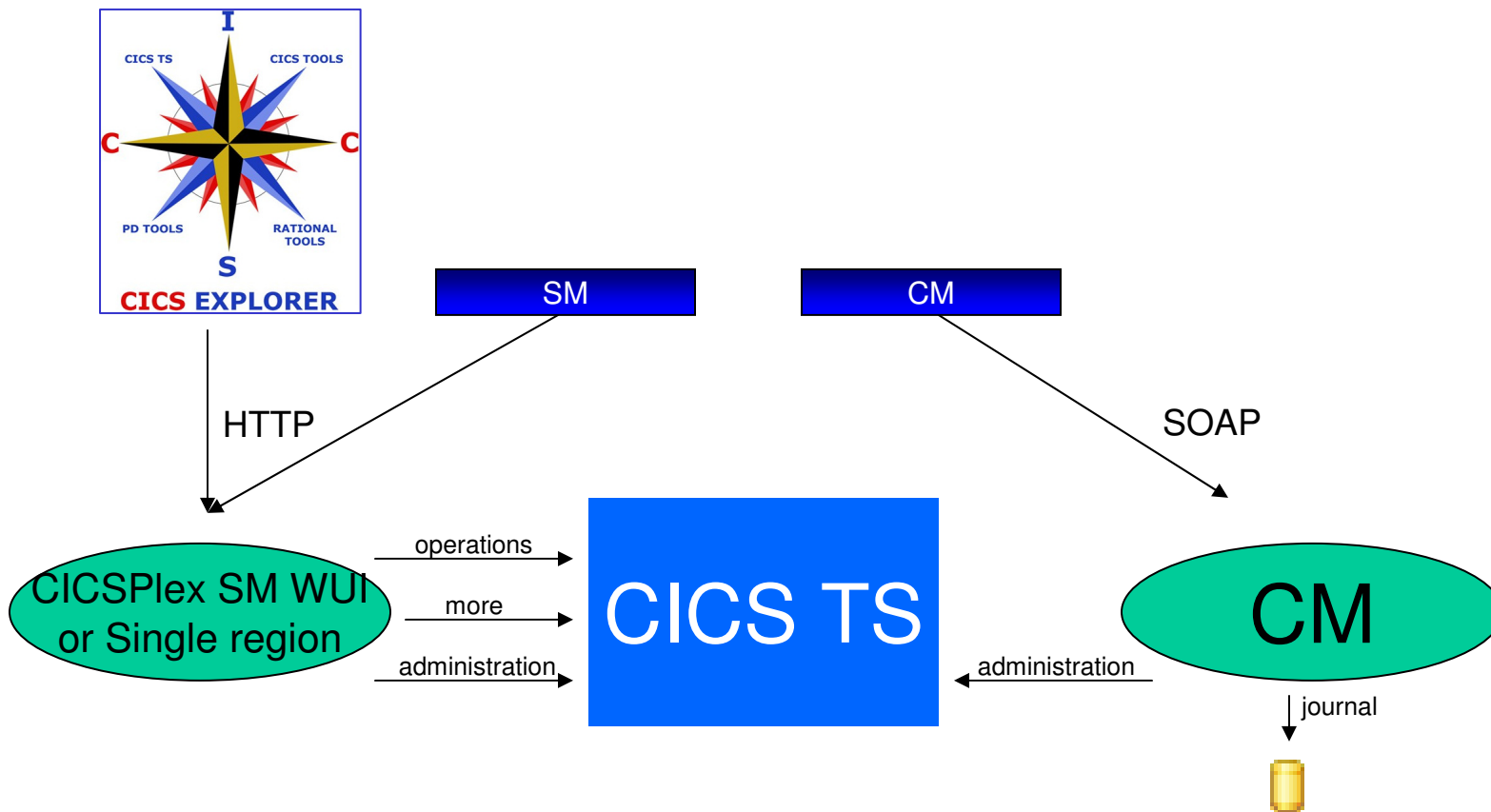


## ■ Key features

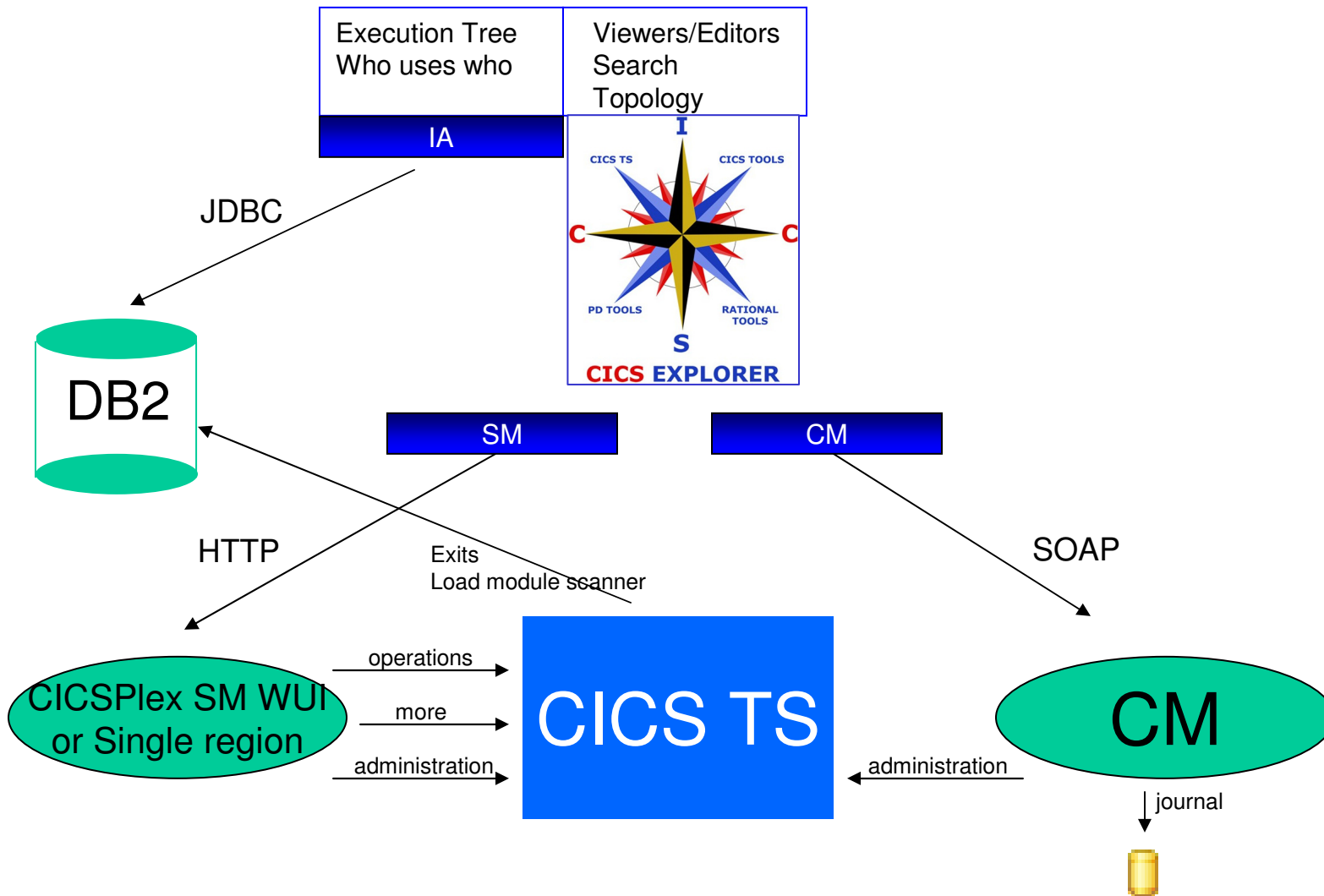
- Comprehensive Performance Reporting and Analysis for CICS
  - Analyzes SMF records created by CICS monitoring and statistics
  - Including DB2, WebSphere MQ, and MVS System Logger
- Extensive Tabular Reports and Extract Data Sets
- Historical Database (HDB)
- Trending and Capacity Planning
- ISPF Dialog to build, maintain, and submit reports and extracts
- Comprehensive reporting of CICS Statistics data
- Statistics Alert Reporting
- Powerful graphical reporting with the CICS Explorer

# The whole exceeds the sum of the parts – CICS & CICS CM

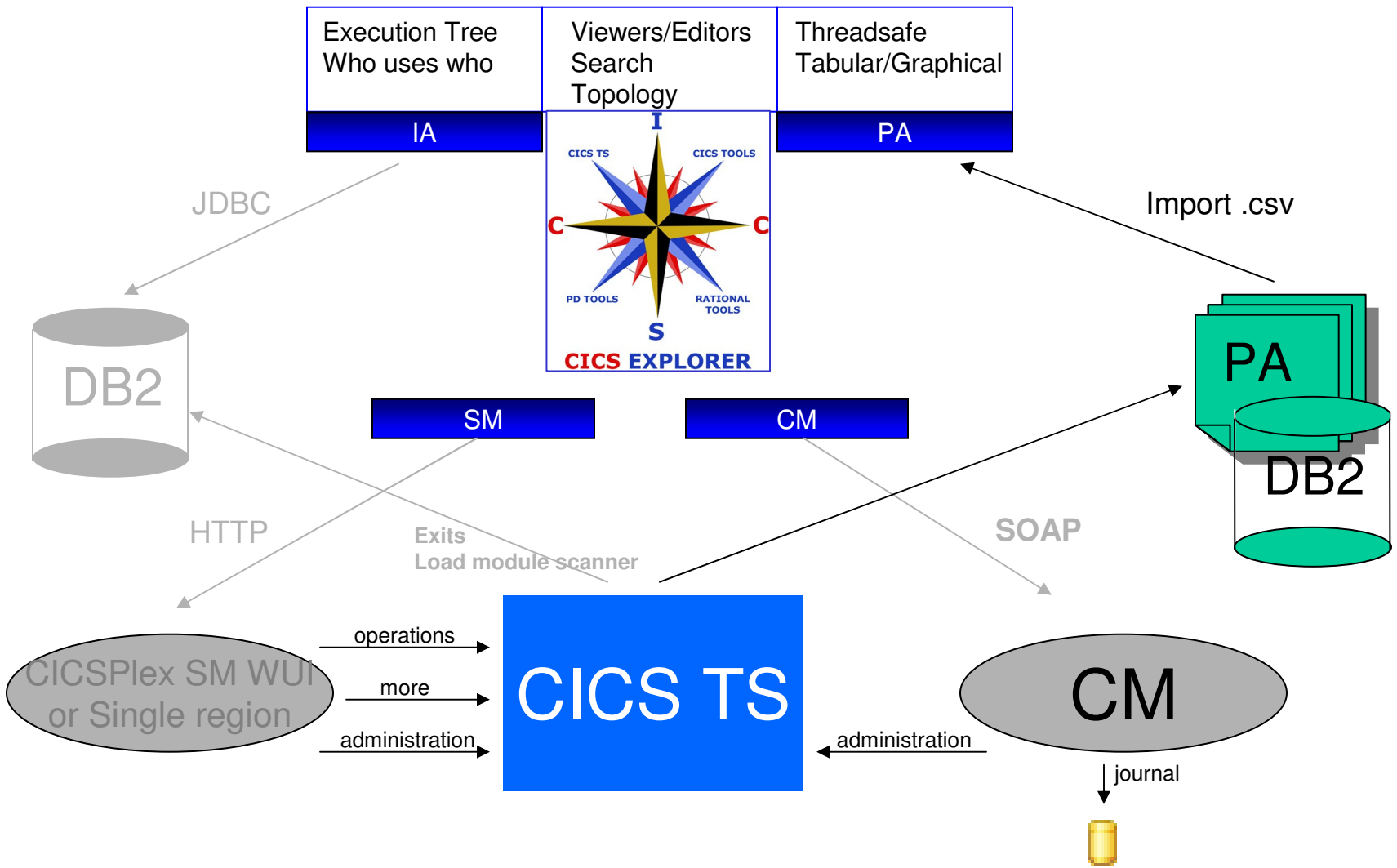
Viewers/Editors  
Search  
Topology



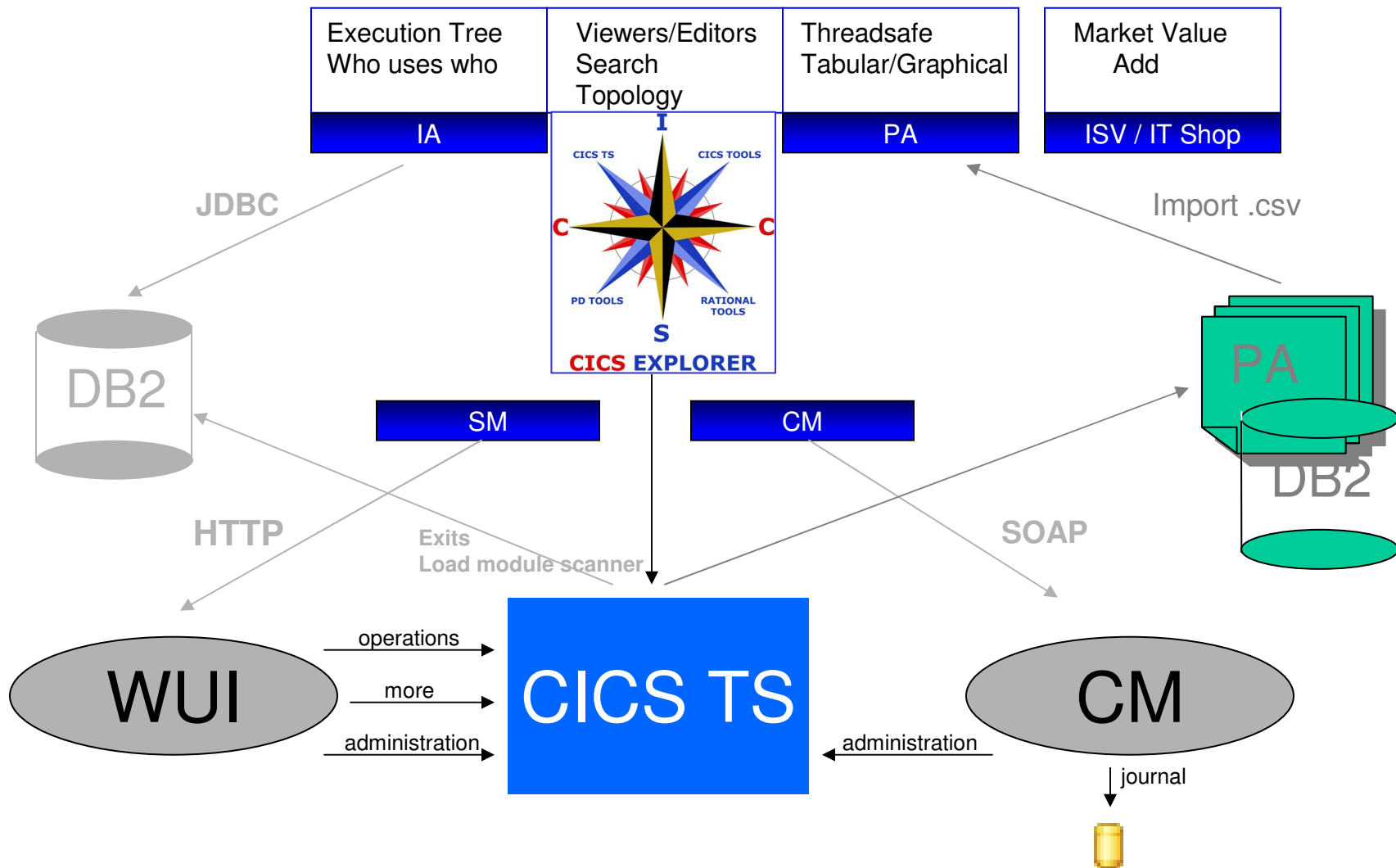
# The single new face of CICS™ – with CICS IA



# CICS PA completes the story (for now)



# CICS Explorer SDK



# CICS Explorer and CICS Tools





# Explorer with CICS Single Server



The screenshot displays the IBM CICS Explorer application window. The main area shows the CICS Region (IYK3Z00K) details, including a table of regions and a list of attributes.

Region	Job Name	MVS Sy...	Task Co...	I/O Count	T...
IYK3Z00K	DEVPLEXK	MV27	1	9671	00

The Attributes panel on the right shows the following properties and values:

Property	Value
Autoinstall Console St	FULLAUTO
Autoinstall Program	DFHZATDX
Autoinstall Program A	14
Autoinstall Program C	CTLGMODIFY
Autoinstall Program E	DFHPGADX
Autoinstall Program F	0
Autoinstall Program R	0
Autoinstall Program S	AUTOINACTIVE
Autoinstall Request Cc	0
Autoinstall Status	ENABLED
Maximum Autoinstall f	100
Akp	4000
Appl ID	IYK3Z00K
CICS Release	E660
CICS Start Time	20-Apr-2009 12:57:15
CICS Status	ACTIVE
CICS System ID	Z00K
CICS TS Level	040100
Coldstatus	INITIAL
Command Protection	CMDPROT
Conversest	NOCONVERSE
Dsidle	02:00:00
Dsinterval	12:00:00
Exception Monitoring	NOEXCEPT
Exit Wait Time	1000
Forceqr	NOFORCE
Frequency	00:00:00
I/O Count	9673
Idntyclas	NOIDNTY
Initialization Status	INITCOMPLETE
Job Name	DEVPLEXK
Last Reset Time	12:57:15

The Events panel at the bottom shows a connection error:

Name	Target	Severity	Priority	Event T...	Detail
CNX0220E	A connection error has occurred				

# Explorer with CICSplex SM

The screenshot displays the IBM CICS Explorer interface. The left pane shows a tree view of resources under 'SAMEDAY (58/105)'. The main pane shows a table of region jobs for 'CICS Region (IYCWF1)'. The right pane shows the 'Attributes' for the selected region.

Region	Job Name	MVS Sy...	Task Co...	I/O Count
IYCWF01	IYCWF01	MV2C	3	114117
IYCWF02	IYCWF02	MV2C	3	119160
IYCWF03	IYCWF03	MV2C	3	1189511
IYCWF04	IYCWF04	MV2C	3	1091295
IYCWF05	IYCWF05	MV2C	6	60891
IYCWF06	IYCWF06	MV2C	4	60351
IYCWF07	IYCWF07	MV2C	4	60248
IYCWF08	IYCWF08	MV2C	3	103732
IYCWF09	IYCWF09	MV2C	3	104141
IYCWF10	IYCWF10	MV2C	3	108536
IYCWF11	IYCWF11	MV2C	3	117582
IYCWF12	IYCWF12	MV2C	3	117779
IYCWF13	IYCWF13	MV2C	5	59744
IYCWF14	IYCWF14	MV2C	4	60457
IYCWF15	IYCWF15	MV2C	4	59722
IYCWF16	IYCWF16	MV2C	5	60898
IYCWF17	IYCWF17	MV2C	5	54185
IYCWF18	IYCWF18	MV2C	7	56219
IYCWF19	IYCWF19	MV2C	5	65353
IYCWF20	IYCWF20	MV2C	4	60794
IYCWF21	IYCWF21	MV2C	3	1091125
IYCWF22	IYCWF22	MV2C	3	1089000
IYCWF23	IYCWF23	MV2C	3	1088806
IYCWF24	IYCWF24	MV2D	3	110327
IYCWF25	IYCWF25	MV2D	4	119291

Property	Value
Autoinstall Details	
Basic	
Akp	200
Appl ID	IYCWF1
CICS Release	E660
CICS Start Time	17-Apr-2009 00:24:4
CICS Status	✓ ACTIVE
CICS System ID	WF1
CICS TS Level	040100
Coldstatus	INITIAL
Command Protection Status	CMDPROT
Conversest	NOCONVERSE
Dsidle	02:00:00
Dsinterval	12:00:00
Exception Monitoring Status	NOEXCEPT
Exit Wait Time	5000
Forceqr	NOFORCE
Frequency	00:00:00
I/O Count	65353
Idntyclas	NOIDENTITY
Initialization Status	INITCOMPLETE
Job Name	IYCWF1
Last Reset Time	00:00:01
Ldglbsou	3
Ldglsort	0
Ldglwsou	0
Loader Request Count	22
Loader Wait Count	0
Loadhwmc	0
Loadpniu	62
Loadrnui	30846
Loadtnui	0000:00:00.000000
Monitoring Status	OFF
Monrpttime	GMT
MRO Batch Requests	1

# CICS Configuration Manager

Simply switch perspective

Same views as base SM

The screenshot displays the IBM CICS Explorer interface with several panes:

- Left Pane:** Shows a tree view of configurations and groups. Under 'Configurations', items like CICSTS08, CPSMBAS1, and EXPTST32 are listed. Under 'Groups', items like ABC123, BEP, and TESTS are listed.
- Center Pane:** A table listing CICS transactions. The table has columns for Name, Version, Program, Create Date, Change Date, and Description. The 'DUCK' transaction is highlighted.
- Right Pane:** A detailed view of the 'DUCK' transaction definition, including an 'Overview' section with fields for Name, Version, and Enabled status, and a 'Details' section with fields for Initial Program and Task Work Area Size.
- Bottom Pane:** A 'History' pane showing a table of revision history for the 'DUCK' transaction, with columns for Revision Time, User Name, and Description.

But more capability

And the same rich editing experience as base SM

# CICS Interdependency Analyzer



Switch perspective again

The screenshot displays the IBM CICS Explorer application interface. The top menu bar includes Explorer, Edit, Search, Window, and Help. Below the menu is a toolbar with icons for Find Resource, with ID, and in Region. The main workspace is divided into several panes:

- Queries:** A tree view under 'Supplied Samples' containing categories like Affinities, Exits, General, Migration, Specific, and Threadsafe. It lists various queries such as 'All programs that issue a GETMAIN' and 'All programs that issue an ADDRESS CWA'.
- Resources:** A view titled '\*Resources' showing 'All programs that issue an ADDRESS CWA' (1). It displays a tree structure: PROGRAM (EMSTESTS) (1) -> ADDRESS (1) -> Resource Type () (1) -> CWA.
- Uses:** A view titled 'Program(TT3SWCF) in All Regions' (113). It shows 'Resources used' (Transaction (4), Program (14), TD (75), TSAUX (2), File (6), ENQNAME (3), TS (2), Map (5), MAPSET (1)) and 'By Resource'.
- Programs:** A list view titled 'Programs' in Region, showing a list of program names including CRTP, DB21, HELO, IMS1, KAT1, N424, TSTS, TTAC, TTRH, TTS1, TTSS, TTT1, TWEB, VA10, VA20, VA90, VTRC, V200, V205, and V210.
- Transactions:** A view titled 'Used By' showing 'Programs using Transaction(TTAC) in All Regions' (5). It displays a tree structure: TTAC -> TT3ACTL Return -> TT3SSUP XCTL by -> TT3ACTL XCTL by -> TT3SWCF XCTL by.

The status bar at the bottom right shows the user name 'winmvs2d.hursley.ibm.com'.

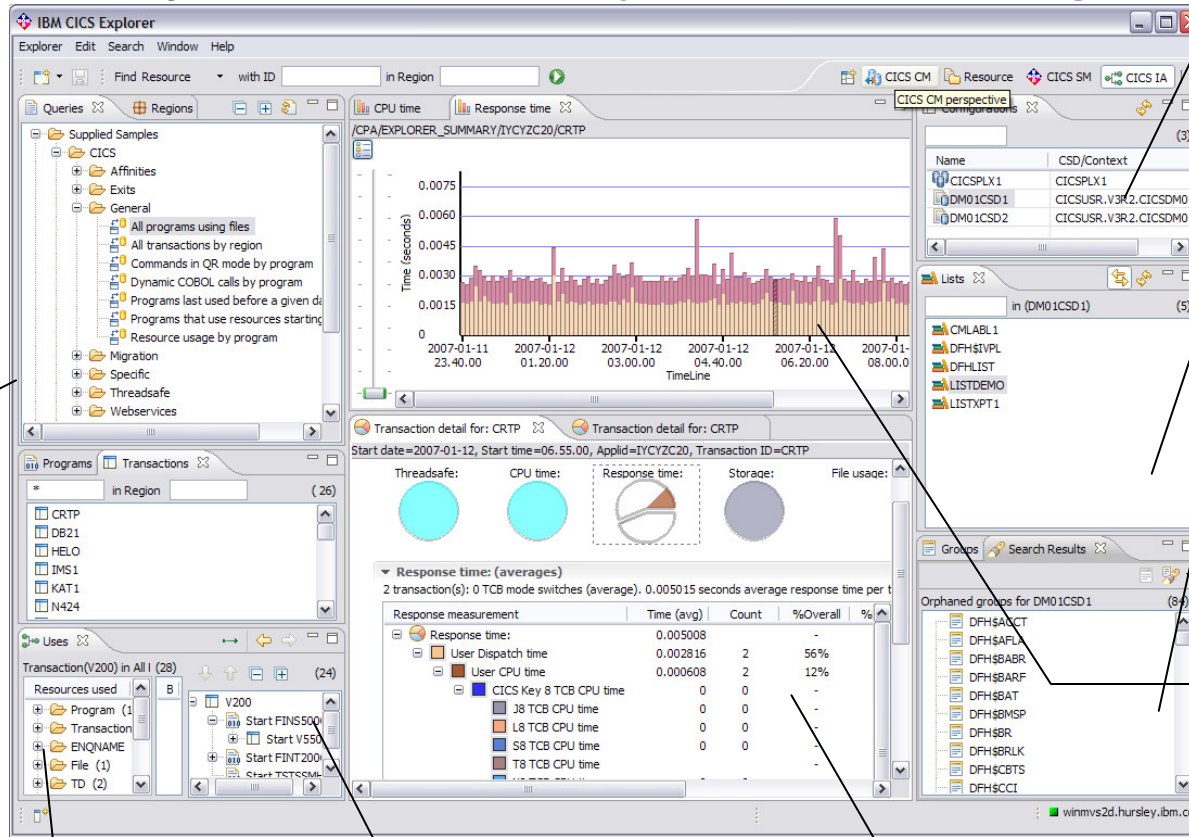


## Putting it all Together

**Interdependency  
Analyzer**

**Performance  
Analyzer**

**Configuration  
Manager**



Single point of control for CSDs and DREPs

Lists and ResDescs

Search for Orphaned groups

Timeline of response times

Shipped Sample Queries

View tree of resources used

Resources used by a transaction

Drilldown into transaction

# CICS Transaction Gateway

**Gateway Daemons view**

Region	Job Name	MVS System...	Task Count	CICS Status	Release	Total CPU	Page In Count	Page Out Co...	I/O Count
IYCWJ1K1	IYCWJ1K1	MV2C	4	ACTIVE	0660	0000:00:29.2...	109	17539	60172
IYCWJTX1	IYCWJTX1	MV2C	3	ACTIVE	0660	0000:00:06.1...	0	0	93126
IYCWJTX2	IYCWJTX2	MV2C	3	ACTIVE	0660	0000:00:05.0...	0	0	93933
IYXJCC1	IYXJCC1	MV2D	3	ACTIVE	0630				
IYXJQWM	IYXJQWM	MV2D	4	ACTIVE	0630				
IYXJDC1	IYXJDC1	MV2D	3	ACTIVE	0630				
IYXJDD1	IYXJDD1	MV2D	3	ACTIVE	0640				
IYXJDDM	IYXJDDM	MV2D	4	ACTIVE	0640				
IYXJEE1	IYXJEE1	MV2D	4	ACTIVE	0650				
IYXJEW	IYXJEW	MV2D	4	ACTIVE	0650				
IYXJFC1	IYXJFC1	MV2D	3	ACTIVE	0650				
IYXJFD1	IYXJFD1	MV2D	3	ACTIVE	0650	0000:00:00...			
IYXJFE1	IYXJFE1	MV2D	3	ACTIVE	0650	0000:00:00...			
IYXJFF1	IYXJFF1	MV2D	3	ACTIVE	0660	0000:00:00...			
IYXJEW	IYXJEW	MV2D	4	ACTIVE	0660	0000:00:00...	2825	20071	59579
IYK2Z32A	CTGC322A	MV2C	6	ACTIVE	0650		0	53	7403
IYK2Z32B	CTGC322B	MV2C	3	ACTIVE	0650		0	45	6207
IYK3ZG1	IYK3ZG1	MV2C	4	ACTIVE	0660	0000:00:12.0...	210	23969	37051
IYK3ZCX	CICS9CX	MV2C	3	ACTIVE	0660	0000:00:03.6...	0	64	31214

**Gateway Connections view**

Name	Status	Version	Gateway ID	Netnam	Up time	TCP Port	Clients	Max pipes	Allocated pip...
CTGPW3	RUNNING	7.1.0.2	GBIBMIA-CTGPW3	CTGPW3	02:13:50	4008	0	100	0
CTGPW4	RUNNING	7.2.0.0	GBIBMIA-CTGPW4	CTGPW4	02:14:53	5008	3	100	1

**CICS Connections view**

Name	Server	Protocol	Target	Default	Comms fails	Completed...	Response ...	Active req...	Allocated ...	Allocate pi...
CTGPW3	IPIC322A	IPIC	localhost:6001	-	0	0	0	0	-	-
CTGPW4	IPIC322A	IPIC	localhost:6002	YES	0	4	8	0	-	-
CTGPW4	IYK2Z32A	EXCI	IYK2Z32A	NO	0	6	71	0	1	0

**Structured information in the Properties view**

Property	Value
Comms fails	0
Default	NO
Name	CTGPW4
Protocol	EXCI
Server	IYK2Z32A
Target	IYK2Z32A
Allocated pipes	1
Allocate pipe fails	0
Connect fails	-
Idle timeouts	-
Lost	-
Max sessions	-
Requested sessions	-

**Correlation between CICS & CTG Explorers**

# CICS TG in CICS Explorer

The screenshot displays the IBM CICS Explorer interface. The main window shows a list of Gateway daemons under the scope 'DUMMY907'. The table below represents the data shown in the main window.

Name	Status	Version	GatewayID	Netname	UpTime	Health	MaxPi...	InUse...	Hostname	TCP	Clients
CTGRED1	RUNNING	7.2.0.0	MV24.CTGRED1	RED1EXCI	3 days 18:09:30	100	250	0	WINMVS24	4148	0
CTGRED2	RUNNING	7.2.0.0	MV24.CTGRED2	RED2EXCI	3 days 17:57:52	100	250	0	WINMVS24	4150	0
ANS720	RUNNING	7.2.0.0	SMITHSON.GATEWAY	CTGEXCI	17 days 21:07:30	100	250	0	WINMVS24	6483	0
ANS720A	RUNNING	7.2.0.0	SMITHSON.CTG720A	CTGEXCI	17 days 21:07:49	100	250	0	WINMVS24	6485	0
ANS710	RUNNING	7.1.0.0	-	-Generic-	14 days 22:53:25	100	250	0	WINMVS24	6486	0
ANS710A	RUNNING	7.1.0.0	710A	-Generic-	17 days 21:07:45	100	250	0	WINMVS24	6487	0
CTGBLU1	RUNNING	7.2.0.0	MV24.CTGBLU1	-Generic-	3 days 17:57:57	100	250	0	WINMVS24	4149	0
CTGBLU2	RUNNING	7.2.0.0	MV24.CTGBLU2	BLU2EXCI	3 days 17:58:13	100	250	0	WINMVS24	4151	0

The Properties window for the selected Gateway daemon (CTGRED1) shows the following details:

Property	Value
Gateway daemon	
Default	IY24CTGU
GatewayID	MV24.CTGRED1
Health	100
InUsePipes	0
MaxPipes	250
Name	CTGRED1
Netname	RED1EXCI
Platform	z/OS
Status	RUNNING
UpTime	3 days 18:09:30
Version	7.2.0.0
Network details	
Clients	0
Hostname	WINMVS24
SSL	-
TCP	4148

CICS Explorer SupportPac: <http://www-01.ibm.com/support/docview.wss?rs=9&context=SSGMJ2&dc=D400&uid=swq24022354>

# System z



The screenshot displays the IBM Rational Developer for System z interface. The main window is the Resource Definition Editor, showing a tree view on the left and a table of resources in the center. A yellow callout box points to the tree view, and another points to the resource table. A third callout box points to a separate window showing a list of programs.

**CICS TS Explorer Region tree**

**CICS TS Explorer Resource types**

- programs
- transactions
- files
- RPL list

**CICS TS Explorer program list**

Program Name	Status
ACCTCHAN	ENABLED
ACCTTEST	ENABLED
ADNCRDR	ENABLED
ADNCRDS	ENABLED
ADNTMSGH	ENABLED
BACEDALP	ENABLED
BACEDAP	ENABLED
BALAB6P	ENABLED
BAWYMQ	ENABLED
BAWYMQP	ENABLED
BA1DPLP	ENABLED
CBCDEBUG	ENABLED
CHANELLE	ENABLED



# OMEGAMON XE for CICS PoC

**Navigate using CICSplex Explorer**

**Task information from CICS**

Region	Task ID	Transaction ID	Run Status	User ID	Terminal ID	LU Name	Priority	Class Name	Suspend Time
IYK3ZJT4	0000019	CONL	▶ RUNNING	JT1			255	DFHTCLO0	0000:00:00
IYK3ZJT4	0000028	COVG	▢ SUSPEN...	JT1			255	DFHTCLO0	0000:00:14
IYK3ZJT4	0000181	COIO	▢ SUSPEN...	JT1			255	DFHTCLO0	0000:00:00
IYK3ZJT4	0000182	COIE	▢ SUSPEN...	JT1			255	DFHTCLO0	0000:00:08
IYK3ZJT4	0000273	COVA	▢ SUSPEN...	JT1			150	DFHTCLO0	0000:00:00
IYK3ZJT4	0000295	COVP	▢ SUSPEN...	JT1			75	DFHTCLO0	0000:00:00

**Task information from OMEGAMON**

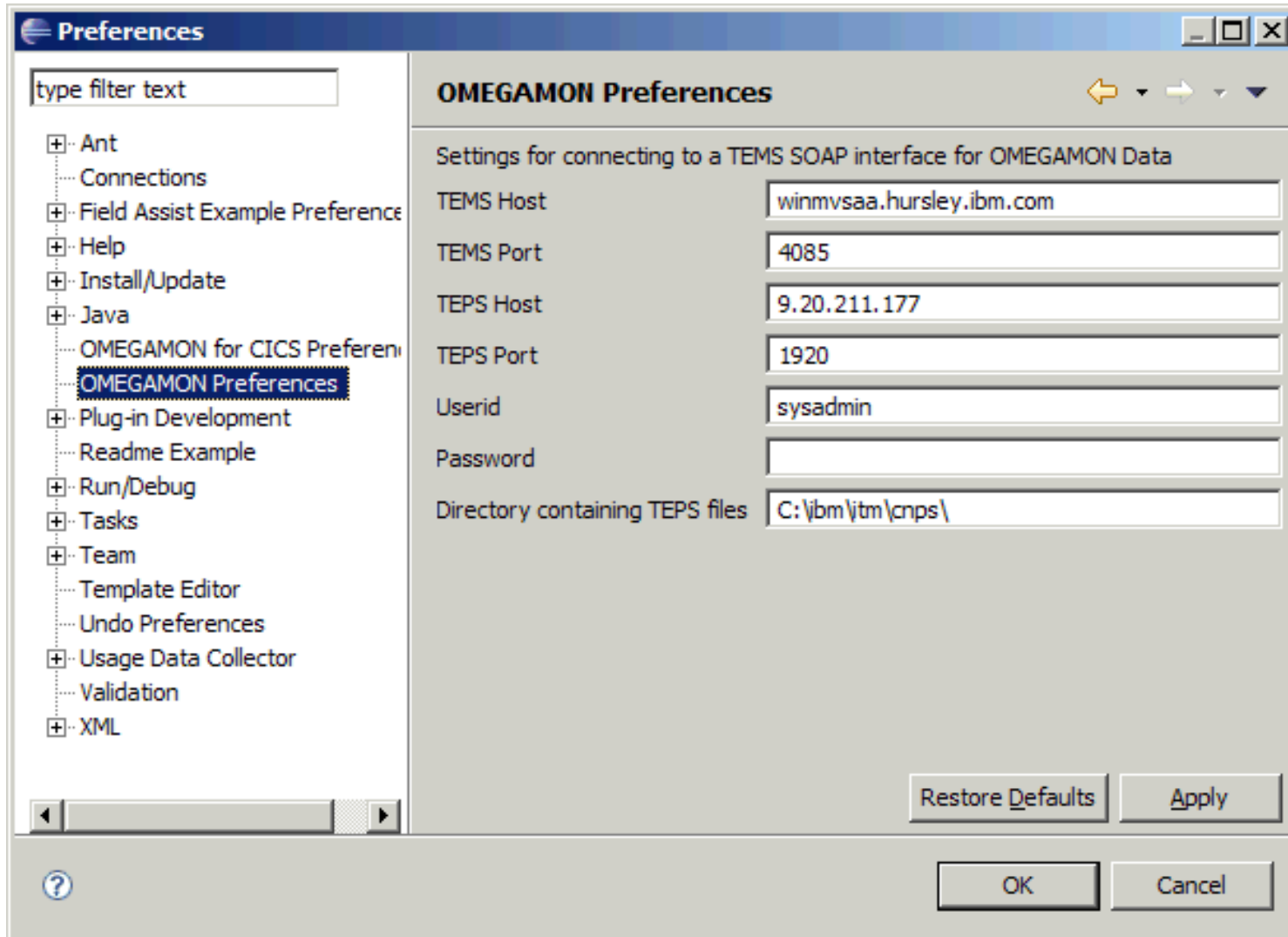
Region	Job Name	MVS System ID	Task Count	CICS Status	Release	Total CPU	Page In Count	Page Out Co...	I/O Count
IYK3ZJT4	WUIJT4A	MV2C	6	✓ ACTIVE	0650	0000:01:38....	1576	13543	12984

Origin_Node	System_ID	CICS_Name	Transaction_ID	Task_Number	Termid	CICS_SYSIDNT	User_ID	Statu
MV2C.WUIJT4A	MV2C	WUIJT4A	CSOL	00004	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00005	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00006	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSTP	00008	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CONL	00019	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00020	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSHQ	00022	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSNE	00024	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CISR	00025	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CISE	00026	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COVG	00028	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COIO	00181	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COIE	00182	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COVA	00273	n/a	JT4A	JT1	Activ

Default WUI server from EYUDREP initialization

Ctrl Contrib (Bottom) JT Systems

# OMEGAMON Preferences



# with Transaction analysis and situations

The screenshot displays the CICS SM - Eclipse Platform interface. The main window is divided into several panes:

- Left Pane:** A tree view showing various transaction analysis categories, with **CICSplex\_Transaction\_Analysis** selected.
- Top Pane (OMEG Table View):** A table listing transaction details for system MV2C.
- Bottom Pane (OMEG Situation View):** A table showing transaction situations.

Origin_Node	System_ID	CICS_Name	Transaction_ID	Task_Number	Termid	CICS_SYSIDNT	User_ID
MV2C.WUIJT4A	MV2C	WUIJT4A	CSOL	00004	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00005	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00006	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSTP	00008	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CONL	00019	n/a	JT4A	JT1
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00020	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSHQ	00022	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSNE	00024	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CISR	00025	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CISE	00026	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	COVG	00028	n/a	JT4A	JT1
MV2C.WUIJT4A	MV2C	WUIJT4A	COIO	00181	n/a	JT4A	JT1
MV2C.WUIJT4A	MV2C	WUIJT4A	COIE	00182	n/a	JT4A	JT1
MV2C.WUIJT4A	MV2C	WUIJT4A	COVA	00273	n/a	JT4A	JT1

HSITNAME	HNODE	ATOMIZE	HGBLTMTMP	HLCLTMTMP	HORIGINNODE	PATHNAME	TYPE	HC
Crypto_Service_...	WALKER:CMS		109022016002...	109022016002...	MVSAA:MVAA:...		0	
Crypto_Internal...	WALKER:CMS		109022016002...	109022016002...	MVSAA:MVAA:...		0	
Sysplex_DASD_...	WALKER:CMS		109022016095...	109022016095...	MVSAA:MVS:SY...		0	

# with Transaction analysis and situations

The screenshot displays the CICS SM - Eclipse Platform interface. The left pane shows a tree view of the Enterprise structure, including z/OS, CICS, and CICS Transaction Gateway components. The main area is divided into two panes: 'OMEG Table View' and 'OMEG Situation View'.

**OMEG Table View Data:**

Origin_Node	System_ID	CICS_Name	Transaction_ID	Task_Number	Termid	CICS_SYSIDNT	User_ID
MV2C.WUIJT4A	MV2C	WUIJT4A	CSOL	00004	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00005	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00006	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSTP	00008	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CONL	00019	n/a	JT4A	JT1
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00020	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSHQ	00022	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CSNE	00024	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CISR	00025	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	CISE	00026	n/a	JT4A	n/a
MV2C.WUIJT4A	MV2C	WUIJT4A	COVG	00028	n/a	JT4A	JT1
MV2C.WUIJT4A	MV2C	WUIJT4A	COID	00181	n/a	JT4A	JT1
MV2C.WUIJT4A	MV2C	WUIJT4A	COIE	00182	n/a	JT4A	JT1
MV2C.WUIJT4A	MV2C	WUIJT4A	COVA	00273	n/a	JT4A	JT1

**OMEG Situation View Data:**

HSITNAME	HNODE	ATOMIZE	HGBLTMSTMP	HLCLTMSTMP	HORIGINNODE	PATHNAME	TYPE	HC
Crypto_Service_...	WALKER:CMS		109022016002...	109022016002...	MVSAA:MVAA:...		0	
Crypto_Internal...	WALKER:CMS		109022016002...	109022016002...	MVSAA:MVAA:...		0	
Sysplex_DASD_...	WALKER:CMS		109022016095...	109022016095...	MVSAA:MVS:SY...		0	

# OMEGAMON transactions with region



CICS SM - Eclipse Platform

File Edit Navigate Search Project Operations Administration Field Assist Run AD Window Help

CICSplex Explorer Groups OMEGAMON Navigat

Server: IYK3ZJT4

JTPLEX2 (1/1)  
IYK3ZJT4 (IYK3ZJT4)

Tasks Connections Terminals Files Transactions

CNX0211I Scope: IYK3ZJT4. Resource: TASK. 6 records collected at 27-Feb-2009 10:47:25

Region	Task ID	Transaction ID	Run Status	User ID	Terminal ID	LU Name	Priority	Class Name	Suspend Time
IYK3ZJT4	0000019	CONL	▶ RUNNING	JT1			255	DFHTCL00	0000:00:00
IYK3ZJT4	0000028	COVG	▢ SUSPEN...	JT1			255	DFHTCL00	0000:00:14
IYK3ZJT4	0000181	COIO	▢ SUSPEN...	JT1			255	DFHTCL00	0000:00:00
IYK3ZJT4	0000182	COIE	▢ SUSPEN...	JT1			255	DFHTCL00	0000:00:08
IYK3ZJT4	0000273	COVA	▢ SUSPEN...	JT1			150	DFHTCL00	0000:00:00
IYK3ZJT4	0000295	COVP	▢ SUSPEN...	JT1			75	DFHTCL00	0000:00:00

Regions

CNX0211I Scope: IYK3ZJT4. Resource: CICSRGN. 1 records collected at 27-Feb-2009 10:47:25

Region	Job Name	MVS System ID	Task Count	CICS Status	Release	Total CPU	Page In Count	Page Out Co...	I/O Count
IYK3ZJT4	WUIJT4A	MV2C	6	✓ ACTIVE	0650	0000:01:38....	1576	13543	12984

Events Properties Error Log Console OMEG Situation View OMEG Table View

Origin_Node	System_ID	CICS_Name	Transaction_ID	Task_Number	Termid	CICS_SYSIDNT	User_ID	Statu
MV2C.WUIJT4A	MV2C	WUIJT4A	CSOL	00004	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00005	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00006	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSTP	00008	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CONL	00019	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00020	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSHQ	00022	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSNE	00024	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CISR	00025	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CISE	00026	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COVG	00028	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COIO	00181	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COIE	00182	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COVA	00273	n/a	JT4A	JT1	Activ

Default WUI server from EYUDREP initialization

Ctrl Contrib (Bottom) JT Systems

# OMEGAMON - Explorer and OMEGAMON transactions



CICS SM - Eclipse Platform

File Edit Navigate Search Project Operations Administration Field Assist Run AD Window Help

CICSplex Explorer Groups OMEGAMON Navigat Regions Tasks Connections Terminals Files Transactions

Server: IYK3ZJT4

JTPLEX2 (1/1)  
IYK3ZJT4 (IYK3ZJT4)

CNX0211I Scope: IYK3ZJT4. Resource: TASK. 6 records collected at 26-Feb-2009 18:26:52

Region	Task ID	Transaction ID	Run Status	User ID	Terminal ID	LU Name	Priority	Class Name	Suspend Time
IYK3ZJT4	0000019	CONL	▶ RUNNING	JT1			255	DFHTCL00	0000:00:00
IYK3ZJT4	0000028	COVG	▢ SUSPEN...	JT1			255	DFHTCL00	0000:00:05
IYK3ZJT4	0000181	COIO	▢ SUSPEN...	JT1			255	DFHTCL00	0000:00:00
IYK3ZJT4	0000182	COIE	▢ SUSPEN...	JT1			255	DFHTCL00	0000:00:00
IYK3ZJT4	0000187	COVA	▢ SUSPEN...	JT1			150	DFHTCL00	0000:00:00
IYK3ZJT4	0000219	COVP	▢ SUSPEN...	JT1			75	DFHTCL00	0000:00:00

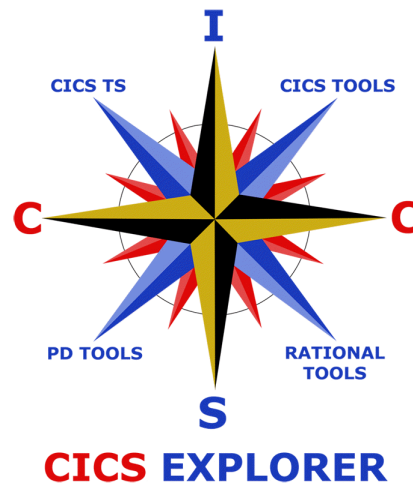
Events Properties Error Log Console OMEG Situation View OMEG Table View

Origin_Node	System_ID	CICS_Name	Transaction_ID	Task_Number	Termid	CICS_SYSIDNT	User_ID	Statu
MV2C.WUIJT4A	MV2C	WUIJT4A	CSOL	00004	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00005	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00006	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSTP	00008	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CONL	00019	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSSY	00020	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSHQ	00022	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CSNE	00024	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CISR	00025	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	CISE	00026	n/a	JT4A	n/a	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COVG	00028	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COIO	00181	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COIE	00182	n/a	JT4A	JT1	Activ
MV2C.WUIJT4A	MV2C	WUIJT4A	COVA	00187	n/a	JT4A	JT1	Activ

Ctrl Contrib (Bottom) JT Systems

# Summary

- Easy-to-use, Eclipse-based interface
- Rich edit and view capabilities
- Productivity for experienced and new CICS users
- View CICS V3, view and update CICS V4
- Tools integration



# CICS Explorer Community

## ■ [CICS Explorer home page](#)

–Remember this link [ibm.com/cics/explorer](http://ibm.com/cics/explorer)

## ■ [CICS Explorer Forum](#)

–<http://tinyurl.com/68bndw>

–IBM developerWorks forum with FAQs, Links & resources, ISV Contributions, etc. Ask questions, suggest improvements, report problems, chat

## ■ Twitter

–Subscribe to the [IBM System z channel](#) to get CICS Explorer news flashes

## ■ Blog

–Comment and opinion at [TheMasterTerminal.com](http://TheMasterTerminal.com)

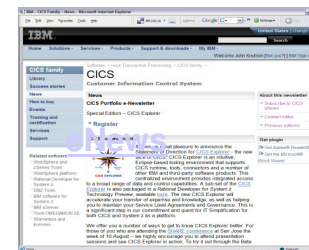
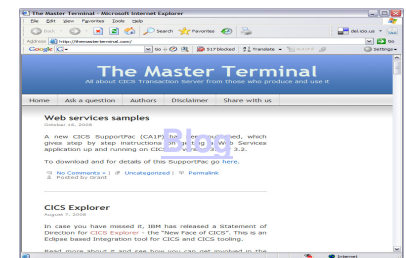
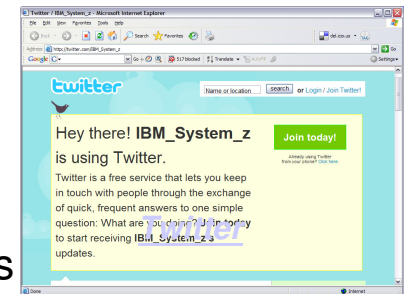
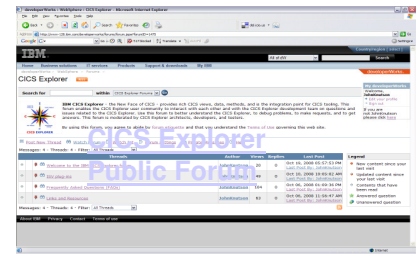
## ■ [CICS eNews](#)

–Subscribe for news about CICS and related products

## ■ YouTube channels

–[CICS Explorer](#) - Videos, demos and other cool stuff

–[CICSFluff](#) - Other CICS videos





# Useful Links

- Downloads, forum, and other useful information
- [www.ibm.com/cics/explorer](http://www.ibm.com/cics/explorer)
- CICS Explorer SupportPacs
- [http://www-01.ibm.com/support/docview.wss?rs=1083&context=SSGMGV&context=SSZPSF&context=SSNQZF&dc=D400&uid=swg24020718&loc=en\\_US&cs=utf-8&lang=en](http://www-01.ibm.com/support/docview.wss?rs=1083&context=SSGMGV&context=SSZPSF&context=SSNQZF&dc=D400&uid=swg24020718&loc=en_US&cs=utf-8&lang=en)
- CICS TS version 4.1
- <http://www.ibm.com/software/htp/cics/tserver/v41/>
- CICS TG plug-in
- [http://www-01.ibm.com/support/docview.wss?rs=9&context=SSGMJ2&dc=D400&uid=swg24022354&loc=en\\_US&cs=UTF-8&lang=en&rss=ct9other](http://www-01.ibm.com/support/docview.wss?rs=9&context=SSGMJ2&dc=D400&uid=swg24022354&loc=en_US&cs=UTF-8&lang=en&rss=ct9other)
- IBM Redbooks – CICS Explorer Redbook (coming in September)
- <http://w3.itso.ibm.com/>

Thank You !  
Any questions?

