

Revitalizing your CICS

Session 3: Simplifying your IT Environment



Agenda

Comply and Control

- IP Connectivity in CICS
- ID Propogation
- CICSPlex SM Workload Manager
- DLA and the CICS data model

CICS Explorer

- Base and Extending
- Plug-ins (CM,IA and PA)

15 mins

40 mins

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CICS Support for IPv6

Allow for IPv4, IPv6 or host names in:

- Resource definitions
- Application Programming Interface
- Systems Programming Interface
- User Replaceable Modules
- Global User Exits
- Monitoring Records



IP Interconnectivity

Continuation of the CICS IP interconnectivity strategy

- Provide a new transaction IP communications protocol for connectivity between and into CICS
- Long term plan to provide CICS with IP choice for most of the CICS programming model

Enhancements to support 3270 transaction routing

- BMS, security and monitoring support
- Shippable terminals supported
- Restrictions
 - Routable(YES) on transaction definition
 - No EDF
 - BMS routing support
 - No routing for APPC devices

Enhancements to Asynchronous Starts

ATI over IPIC supported





Identity Context Propagation

- z/OS Identity Propagation initiative to provide asserted identity for end-toend distributed security
 - Logically tie together distributed end-user identities with z/OS userids
 - Enhance the ability for z/OS applications to participate centrally in SOA solutions
 - Function will require z/OS 1.11
- ID Context Propagation allows an end user's identity to be propagated through to CICS
 - Currently, the end users' identity is lost before the request gets to CICS

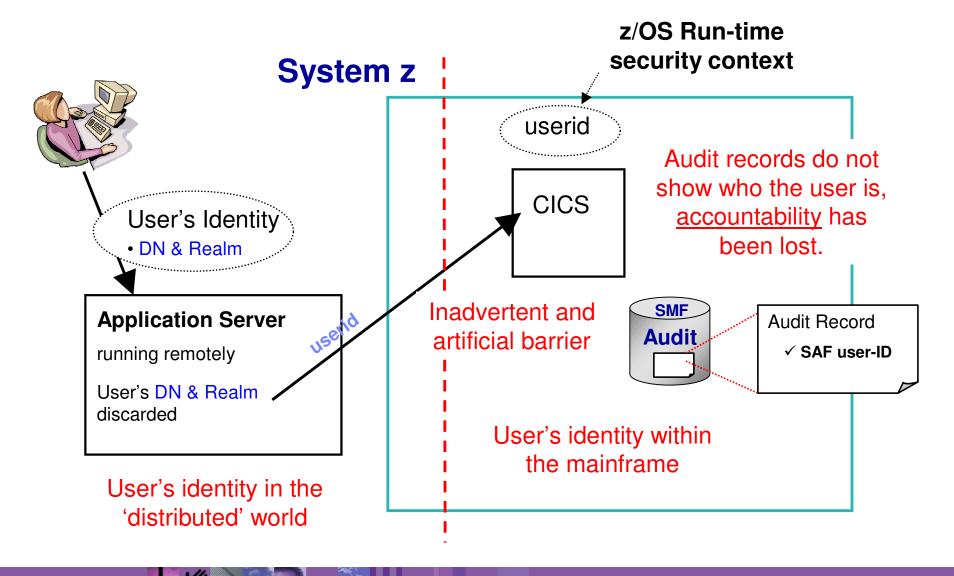


Identity Context Propagation...scenarios

- Support for Inbound Web services, propagating on as Web Service provider
 - Provides support for Web Services callers
- Support for Inbound over IP Interconnectivity (IPIC)
 - Used by CICS TG when operating as a WebSphere connector
 - Will require use of JCA resource adapter
- Sysplex Support
 - CICS will propagate on over MRO and IPIC Connections only



Identity Propagation – current problem

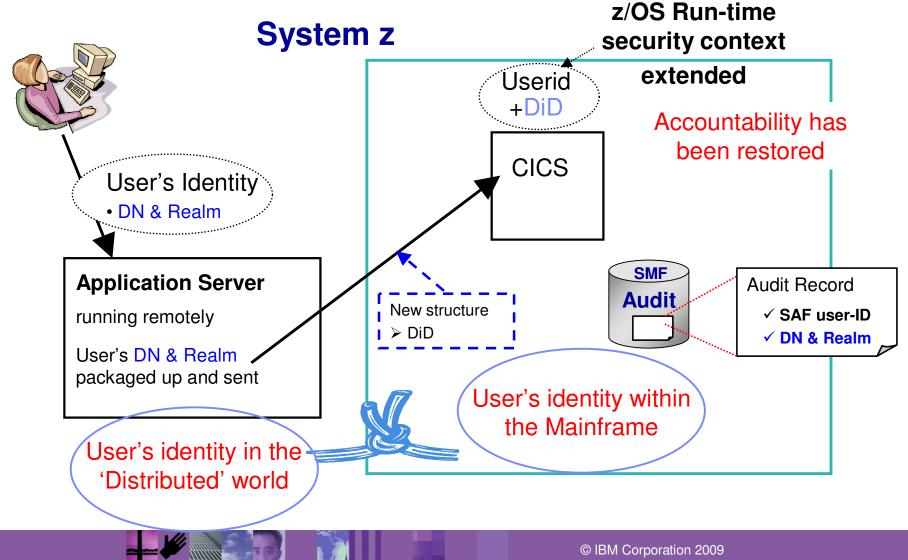


Remedy

- Platform-architected Distributed Identity solution that subsystems participate in
- An asserted identity for end-to-end distributed security
- That logically ties together distributed end-user identities with userids on the host
- An Identity Context Reference that flows in a trusted way
 - > X.500 distinguished name of end-user
 - X.500 DN of original registry
 - Optional SAF userid



Identity Propagation – proposed solution





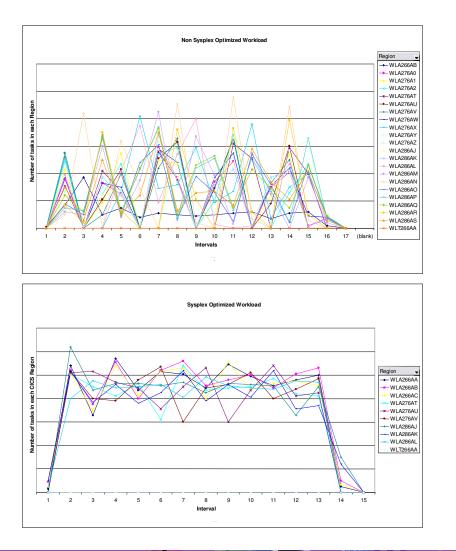
Workload Management and CICSPlex SM

Sysplex-optimization to significantly reduce workload batching effects

- Exploitation of z/OS coupling facility
 - "Near real time" Sysplex-wide focus on target region status
 - No impact to "non-optimized" WLM
- Optimized WLM routing enabled by configuring a Region Status Server
 - Uses CF Data Table to hold Region Status information
 - SOS, MaxTask, System or transaction dump in progress, Current Tasks?
 - Shared by all routing regions (in the Sysplex)
- Percentile goals
 - CICSPlex SM WLM support for percentile goals
- Support in CICSPlex SM for all new resources, statistics, etc



CICSPIex SM WLM: Optimized versus Non-optimized Routing



- Non-optimized Routing
 - > 27 CICS regions on 3 LPARs
- Optimized Routing
 - 9 CICS regions on 3 LPARs
- Comparison
 - Workload is 10K started transactions
 - Number of tasks in each region measured every 10 second interval
- Results
 - Non-optimized environment shows "batching effects
 - Optimized results shows smoother distribution of work and higher throughput



Discovery Library Adapter

- The IBM Discovery Library facilitates a common way to share information about discovered resources and relationships
 - A set of specifications, components, and best practices for communicating the discovery of resources and the relationships between resources within the enterprise
 - A way to exchange resource and relationship data across <u>multiple</u> applications.
 - XML schema specification
- CICS provides a Tivoli Discovery Library Adapter (DLA) for CICS resources



Discovery Library Adapter Utility

CICS DLA Utility (EYUJXDDP)

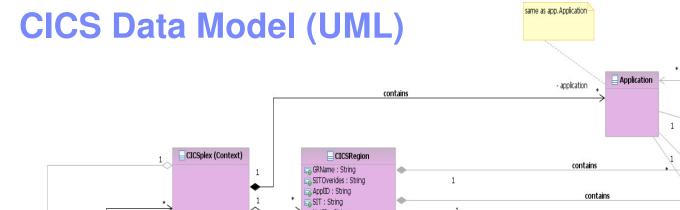
- Runs as Batch Job or Started Task
 - Range and depth of discovery controlled by parameters
 - Select the books to create:
 - CTSPLEX, CICSPLEX, CICSREGION
- Uses CICSPlex SM services to generate XML files
 - Writes IdML books to a PDS
- Runs against a specified CMAS
 - CMAS must be current level of CICSPlex SM
 - CICS regions discovered by the DLA can be an earlier release

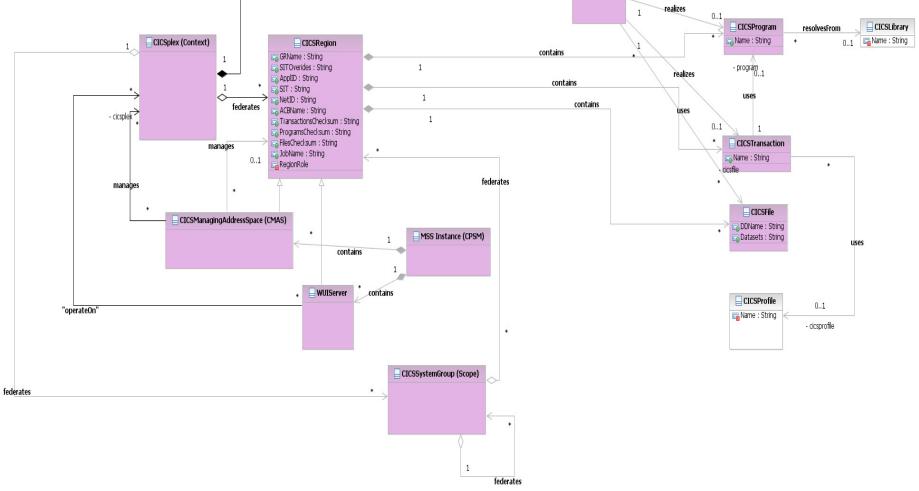


OrganizationalEntity

owns

IBM Software Group

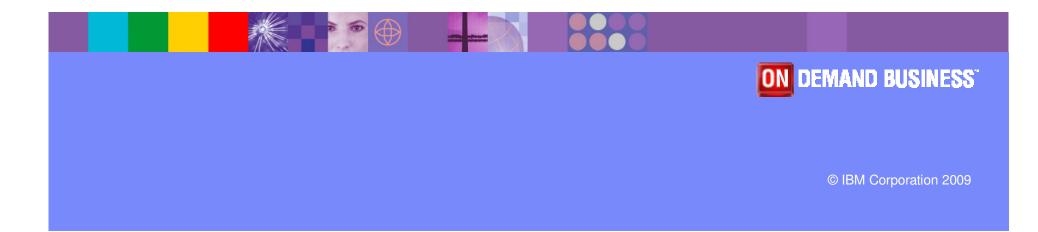






IBM CICS Explorer[™] - The New Face of CICS

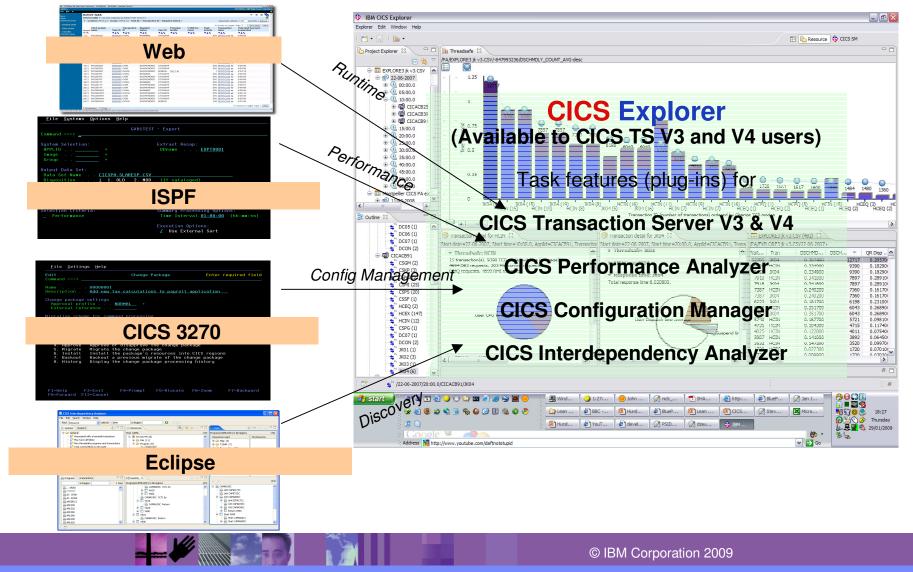


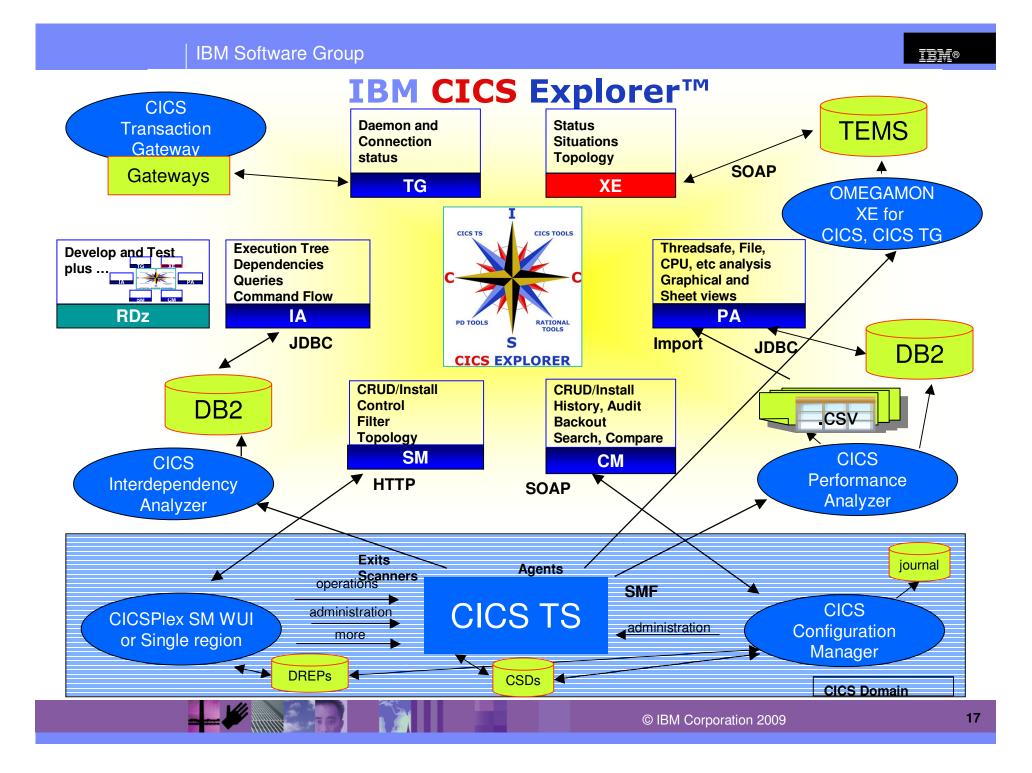


The changing face of CICS tooling CICS Explorer reduces need for multiple interfaces

Previously...

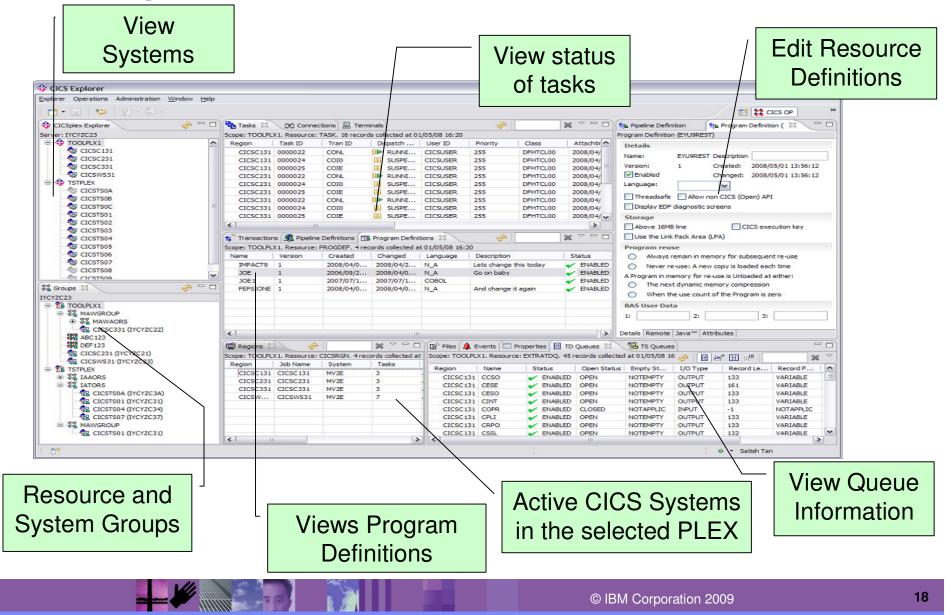
Now ...





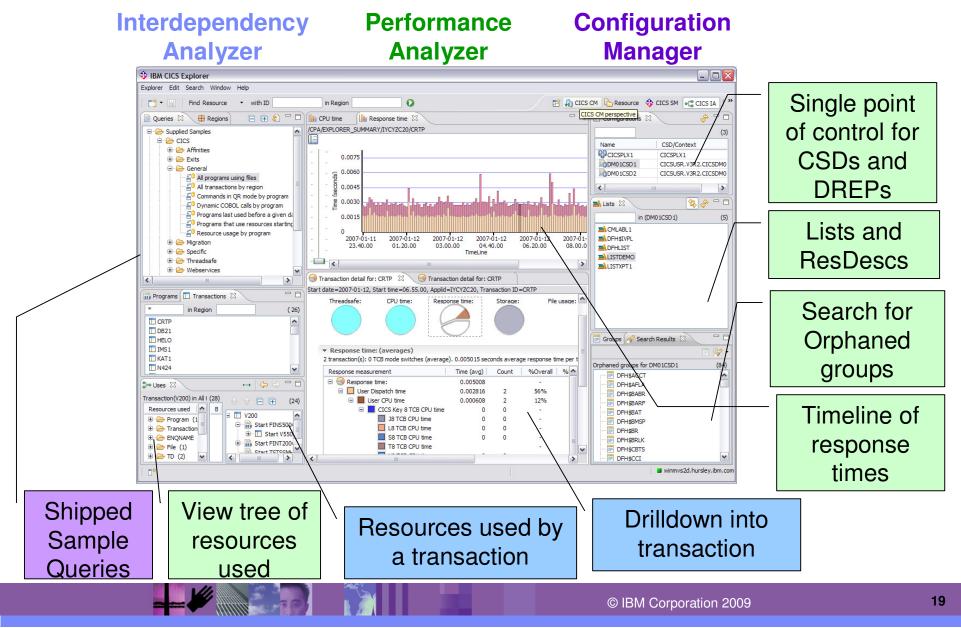


CICS Explorer



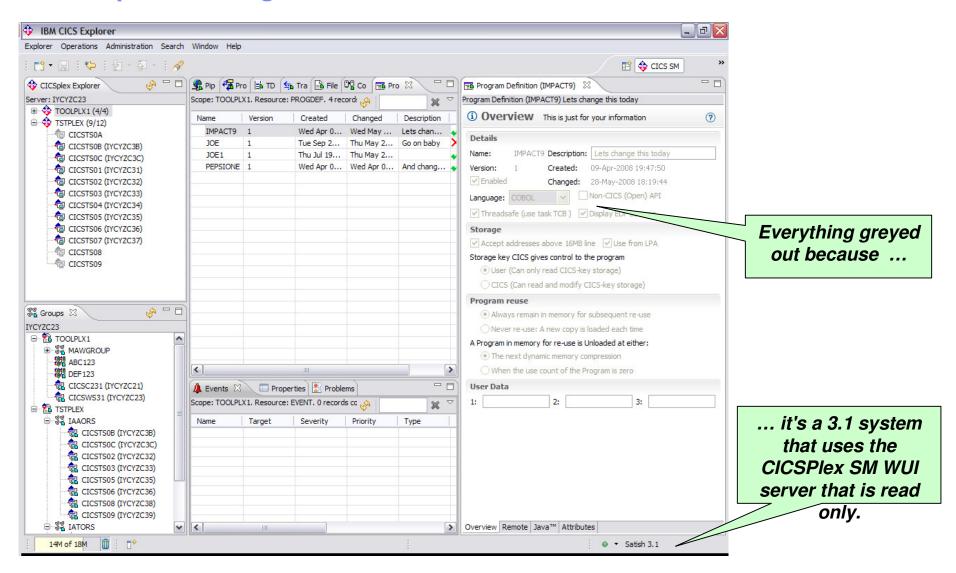


CICS Explorer & CICS Tools: Putting it all Together





CICS Explorer - Program Definition editor – CICSPlex SM



1 Sector



CICS Explorer - Program Definition editor - CICS CM

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CICSC231 (IYCYZC21)	PEPSIONE	1		Wed Apr 09			Details
CICSC331 (IYCYZC22)	JOE	1		Thu May 29	-	X DISABLED	Name: IMPACT9 Description: Lets change this today
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CICS Explorer - Powerful, context-sensitive resource editors

IBM CICS Explorer									
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		EXSY	1		Tue May 20		EXTRA	Name: EXIB Description: Input Data set read backwards	
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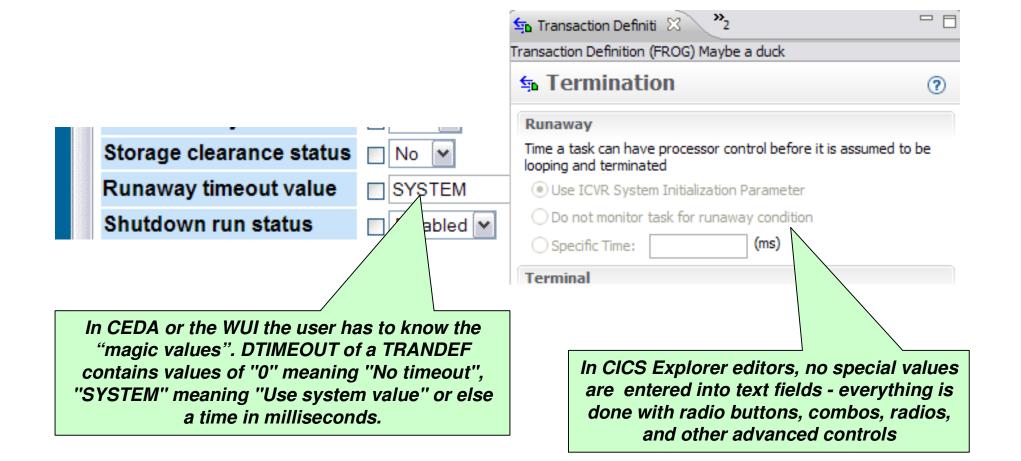


CICS Explorer - No "magic" values - File definition editor

		File_Definition (FC02)
Operations		File_Definition (FC02) Joe}s test file
Add option	No 💌	🗈 Runtime 📀
Browse option	No 💌	Usage
Delete option	No 💌	The kind of operations that can be performed by programs against the file can be controlled to only a subset of allowable CICS
Read option	Yes 🕶	functions Read Records can be read
Update option	No 💌	Browse Records can be read sequentialy
Auto journalling		Add Records can be added ✓ Delete Records can be deleted ✓ Update Records can be updated
Journal number	NO (NO, 1-99, bl	Auto Journal
Read operations recorded on journal	None 💌	CICS journal names are of the form DFHJnn, where nn is in the range 1 through 99
Synchronous auto journaling for input	No 💌	Do not use auto journalling OICS journal name:
Rewrite/delete operations recorded on journal	No 💌	Synchronouslly auto-journal records for Input Output Operations to be recorded in the journal Read only
Add operations recorded on journal	None 🕶	 Read update Rewrite and delete Add write operation before the VSAM I/O operation
Synchronous auto journaling for outp	Yes 💌	Add write tion after the VSAM I/O operation
	attributes to log in a journal for wolved in CEDA and the WUI	Compare again the CICS Explorer with the WUI



CICS Explorer - No "magic" values - Transaction definition editor



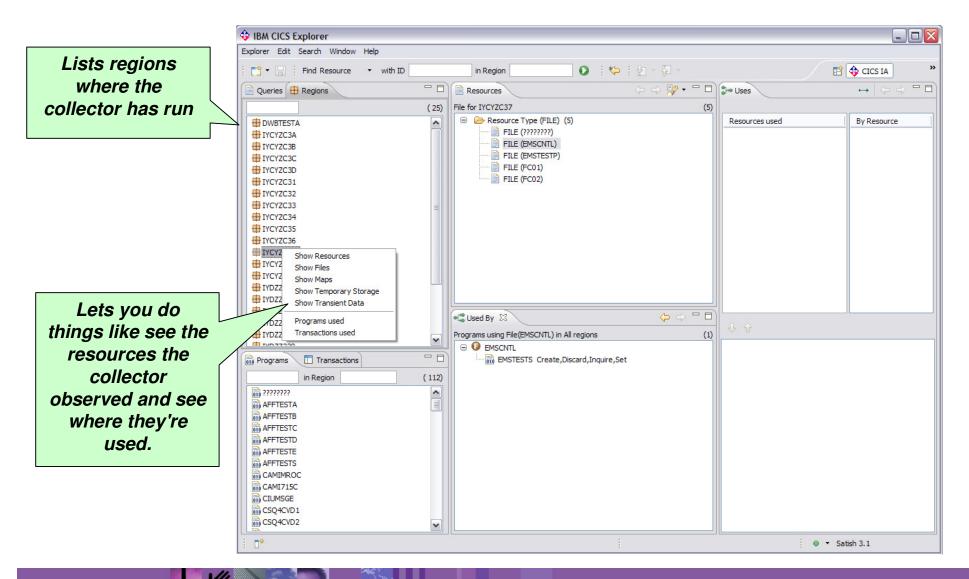


CICS Explorer - Editor validation

Image: Pipeline Description: Frog Version: 1 Created: 09-Oct-2007 15:37:58 Image: Pipeline Description: 14-May-2008 20:04:46 Response Wait Image: Pipeline Description 14-May-2008 20:04:46	An advantage of an Eclipse client over a browser/TSO/ISPF interface which is that keystroke by keystroke client validation occurs making the GUI more responsive (no server roundtrips) and less errors get sent down the wire to CICS making it faster.
Amount of time an application program should wait for a response message from a remote Web service	
Number of seconds: 20p Default Timeout Value of transport protocol: 10(s) for HTTP or 60(s) for WebSphere® MQ	The pipeline definition below has two errors - 20p is not a valid number
HFS Details Configuration file name on HFS for this pipeline	
alid character '*' entered. Valid characters are A-Z a-z 0-9 . / _10	and the configuration file name has an invalid character entered.
Name of the WSBind (pickup) directory on HFS	
User Data 1: EAT 2: SOME 3: TODAY	Each error field has a red X next to it to show it's bad, and hovering over the red X bring up a tooltip with the error. All errors can be seen by hovering over the red X at the top of the screen.



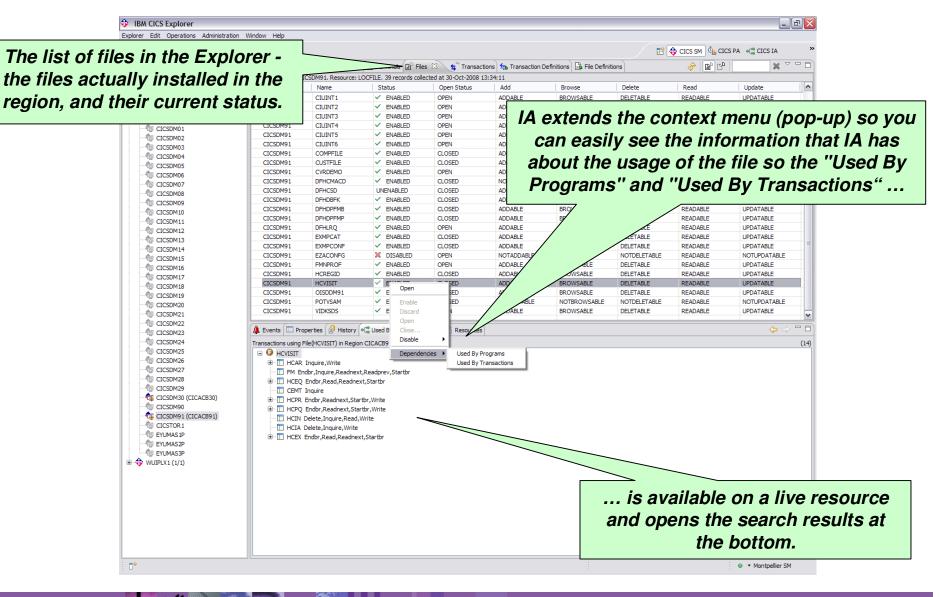
CICS Explorer - CICS IA perspective



CICS Explorer - CICS IA integration in CICSPlex SM perspective

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CICS Explorer - CICS IA integration in CICSPlex SM perspective



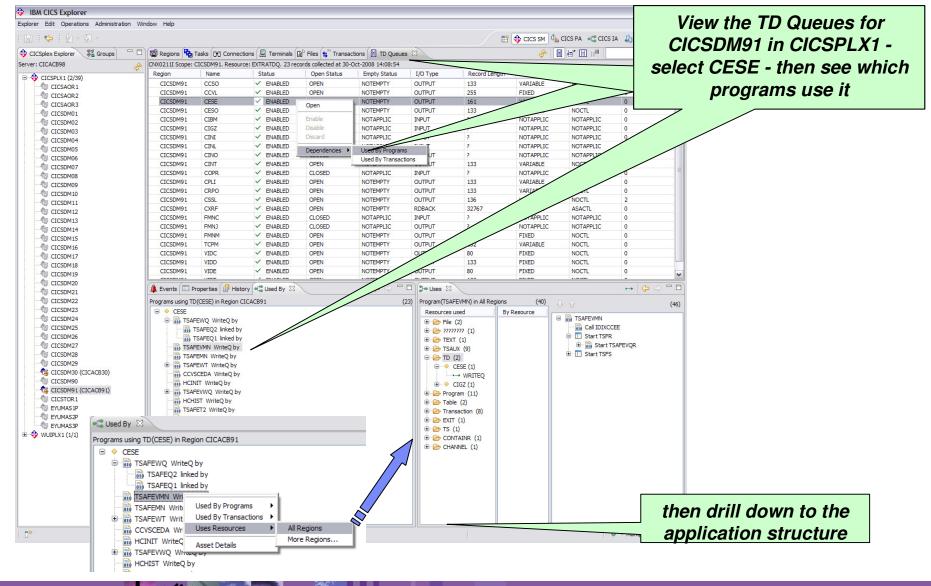
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CICS IA – CICSPlex SM integration

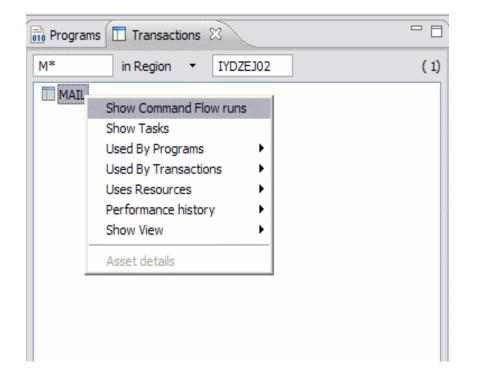
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CICS IA





CICS IA – Command Flow



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CICS IA – Command Flow

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CICS IA – Command Flow

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CICS IA – Command Flow

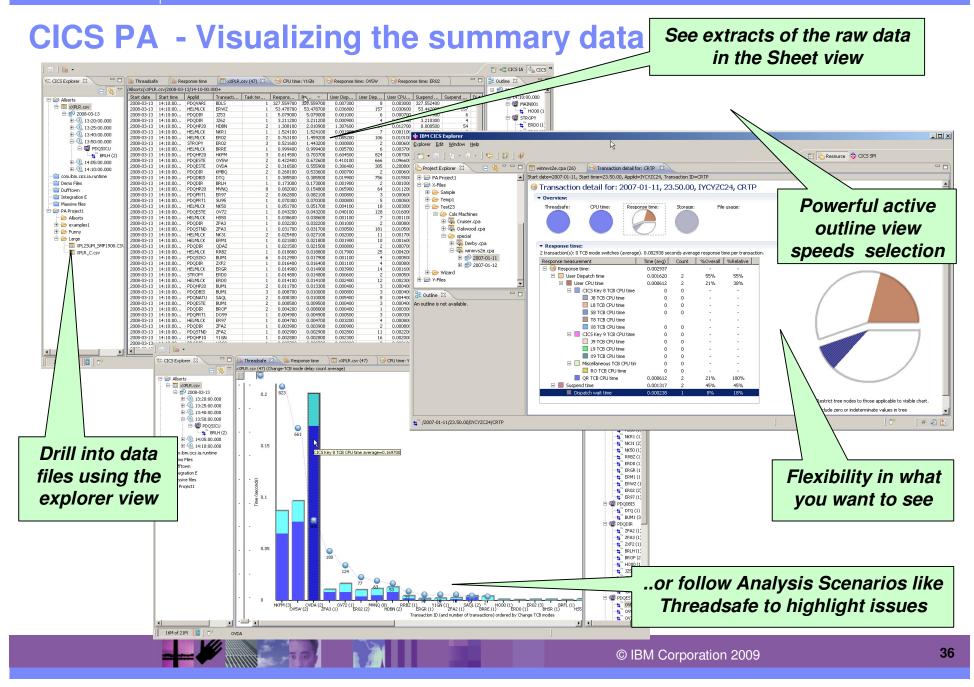
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CICS PA plug-in to the CICS Explorer

- Provides numerous methods of visualizing historical transaction performance summary data
- Access to performance data summaries and reporting scenarios using CICS PA created ...
 - CSV files from SMF 110 performance data
 - ▶ CSV files or database (DB2) from HDB performance data
- Integrates with the strategic CICS Explorer and other tooling plug-ins
- Evolutionary and responsive solution





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CICS PA - Comparison views

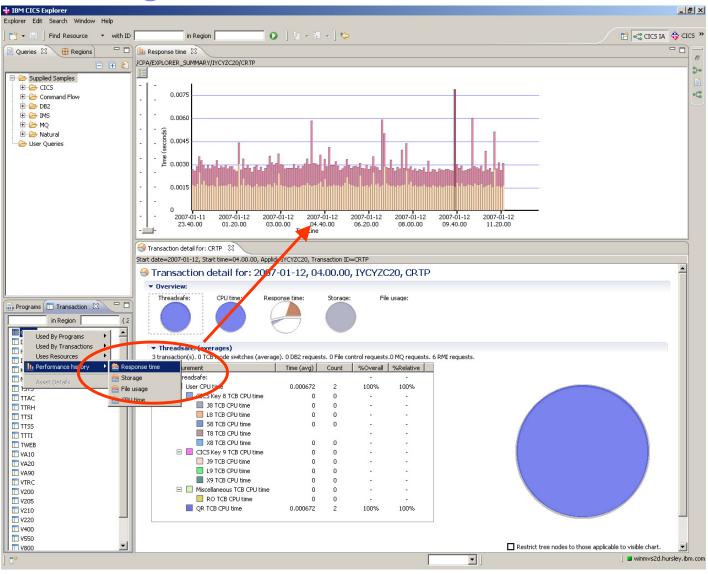
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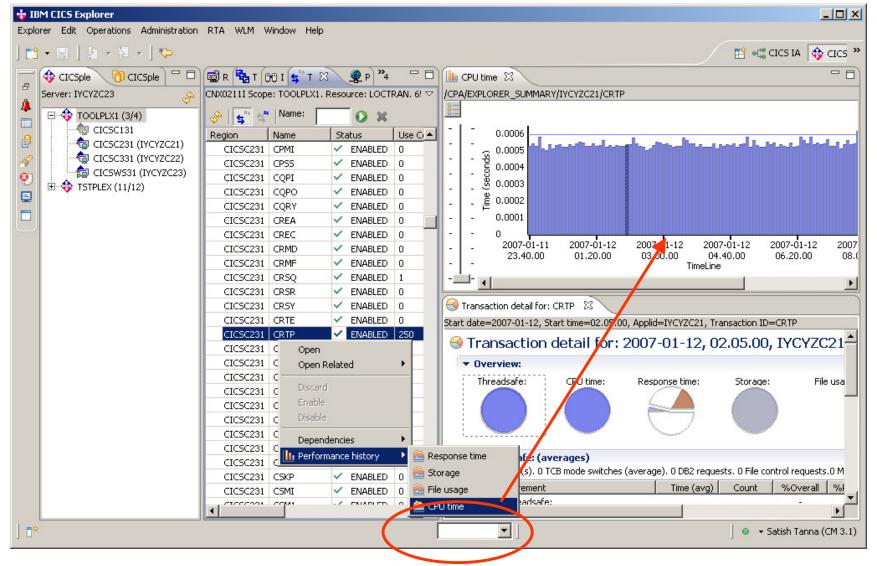
CICS PA - Integration with CICS IA



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CICS PA - Integration with CICSPlex SM perspective



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- Working with multiple CSDs
- Working with CSD files and CICSPlex SM DREPs
- Migrating changes between environments
- Delegating and approving changes
- Changes across LPAR boundaries
- Backout
- Audit compliance
- Cleanup and analysis
- Comparisons and exception analysis
- Cold start analysis



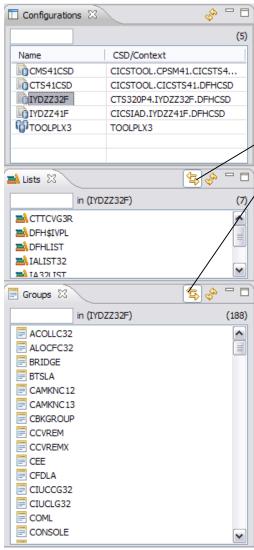
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type filter text	▼	Install
Name	Version	
Http://download.boulder.ibm.com/ibmdl/pub/software/htp/cics/u Jor:file:C:\Documents and Settings\Administrator\Desktop\demo		Properties
□ ▼ 100 Uncategorized	31	
	2.1.0.200907010230	Add Site
		Manage Sites
		Refresh
Show only the latest versions of available software		
Include items that have already been installed		
Open the ' <u>Automatic Updates'</u> preference page to set up an automatic update	schedule.	
0		Close

CICS CM Explorer plug-in installs through the update site mechanism in the CICS Explorer



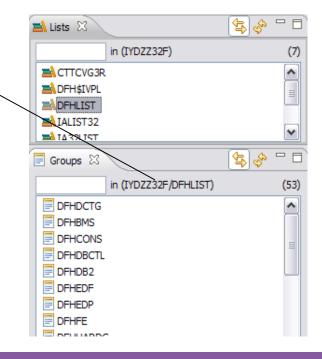
CM - Configurations, Lists, Groups



Views display configurations, lists and groups

Linked to selection – the lists and groups are displayed for the currently selected configuration. Can be toggled on and off.

Groups can also be displayed for the currently selected list



CM - Creating, editing and deleting a resource definition

	1					🔗 Name:	O \$
lame	Version	1	Program Name	Create Time	Change Time	Description	Status
ab	N/A		С	N/A	16-Jun-2009 1		 ENABLED
BEPM	N/A		CBMCMNDS	N/A	03-Apr-2009 1	BEP COMMAND	ENABLED
FC02	N/A		YEAH	N/A	07-May-2009 1		ENABLED
F009	N/A	New.		N/A	07-May-2009 1		ENABLED
WXYZ	N/A	Oper	1	N/A	28-May-2009 1	changes by Satish	ENABLED
		Insta	.11				
			to Group				
		Remo	ove from Group				
		🛛 💢 Delet	e				
		Find	•				
		1110					

Can open a creation wizard from different paths.

Within a definitional view select the "New..." menu.

Select a group and select an option from the "New..." menu.

CM - Creating, editing and deleting a resource definition

🚸 New Transaction De	finition		
Create Transaction D	efinition		5
Data Repository: CTS410 Resource Group: BEP	CSD		Browse Browse
Name: Description: Program Name:			
Open editor		Einish	Cancel

Different resource types have slightly different creation wizards.

Only the basic attributes need to be entered at this point. Others are defaulted.



CM - Creating, editing and deleting a resource definition

Iransaction Definition (DEMO) 🛛	
Transaction Definition (DEMO)	
Solution State	?
Basic	
Name: DEMO Description:	
Version: Created:	
✓ Enabled Changed: 09-Jul-2009 13:15:05	
Details	
Initial Program: FOO Profile: DFHCICST	
Task Work Area Size: 0	
Storage	
Clear task-lifetime storage on release to protect sensitive data	
Task life-time storage can be located above 16MB Line	
✓ Isolate user-key task-lifetime storage from other tasks' user-key prog	rams
Obtain task storage in CICS-key	
User Data	
1: 2: 3:	
Overview Remote Termination Runtime Alias Recovery Attributes	

Once create completes the resource is opened in an editor, where further changes can be made.

The resource has been created at this point.

These editors are the same as those used for the CICS Explorer, they inherit the validation and embedded help framework.



CM - History

Display by date groupings

🗐 History 🛛							<u>∲ </u>		
Resource History for FOO9 from	Resource History for FOO9 from earliest to latest entry								
Revision Time	Resource Name/After	Resource Type/Before	Group	User Name	Command	Change P	Scheme		
🖃 🔂 Today									
🗄 🕛 2009/07/09 13:43	F009	TRANDEF	BEP	CICSUSER	UPDATE				
😑 🔂 Older Than This Month									
🗄 🖯 🟮 2009/05/07 17:52	FOO9	TRANDEF	BEP	CICSUSER	CREATE				

Sort by columns by clicking on column header

🔒 History 🛛						🔁 🔄 🔗 🕥	
Resource History for BEP from 2	2009/04/09 13:07:41 to lates	t entry					
Revision Time	Resource Name/ 🔺	Resource Type/Before	Group	User Name	Command	Change P	Sch 🔼
🕀 🖯 2009/05/27 09:31:41	A	ATOMDEF	BEP	CICSUSER	DELETE		
🗄 🖯 🖯 2009/05/27 09:31:37	A	ATOMDEF	BEP	CICSUSER	CREATE		
🗄 🕛 2009/07/09 13:18:35	DEMO	TRANDEF	BEP	CICSUSER	DELETE		
🗄 🖯 🟮 2009/07/09 13:15:28	DEMO	TRANDEF	BEP	CICSUSER	CREATE		
🖲 😳 2009/05/07 17:53:37	FC02	TRANDEF	BEP	CICSUSER	CREATE		
🖲 😳 2009/07/09 13:43:41	F009	TRANDEF	BEP	CICSUSER	UPDATE		
🗄 🖯 🟮 2009/05/07 17:53:19	F009	TRANDEF	BEP	CICSUSER	CREATE		
🗄 🖯 🖯 2009/05/18 14:40:28	F0000	TCPDEF	BEP	CICSUSER	CREATE		
🗄 🖯 🖯 2009/06/05 15:27:20	J000	CONNDEF	BEP	CICSUSER	DELETE		
A 🙃							



CM - History

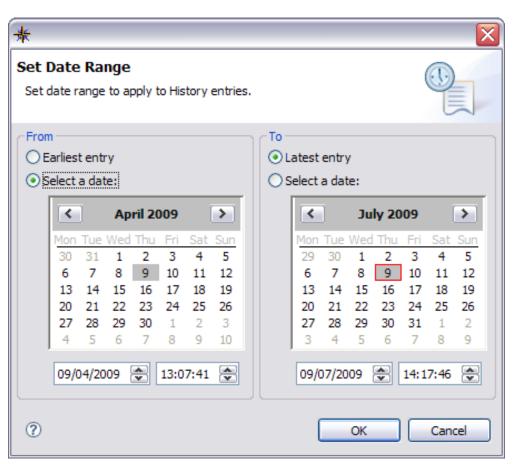
Select Filters to apply to history entries

		🗗 🍫 🍝						
Sc	Name Type Group Command User ID Change Package Scheme	Set date range Select Filter(s)		-	selected the value			
🔒 н	listory 🛛		n 🔁 🖓	Command:	e Delete	🖌 Name: (=) DEMO	* ~
Resou	urce History for BEP fro	om 2009/04/09 13:07:41 to la	atest entry					
Rev	vision Time	Resource Name/After	Resource	Type/Before	Group	User Name	Command	Change P
Đ	2009/07/09 13:15	:28 DEMO	TRANDEF		BEP	CICSUSER	CREATE	



CM - History







Select the range using the dialog box

This range will then be used to limit the results displayed to changes within these times



CM - Searching

You can drive the search dialog from the toolbar

🚸 IBM	CICS	Explorer			
Explorer	Edit	Operations	Administration	RTA	WLM
1 📬 -		1			
Conf	îgurati	ons Search De	efinitions		

Configuration	ns 83			
Name	CSD/Cont	ext		
CMS41CSD	1		141.CICSTS4	
CTS41CSD	Show All Resource		TS41.DFHCSD	
IYDZZ32F	Clean Up	•	32F.DFHCSD	
TOOLPLX	Search	•	Search	
- TOOLI LA		_	Search Files.	
			Search Progr	ams
			Search Trans	actions

Or from one of the search options on a configuration or group



CM - Searching

From the search dialog you can specify name, type, configurations(s) and groups within a particular configuration

★ Search Definitions	X
Search Definitions Specify search criteria	
Search Resource Name: * Resource type: * Configuration(s) CTS41CSD Choose Group(s) BEP	Filter
Choose)	OK Cancel



CM - Searching

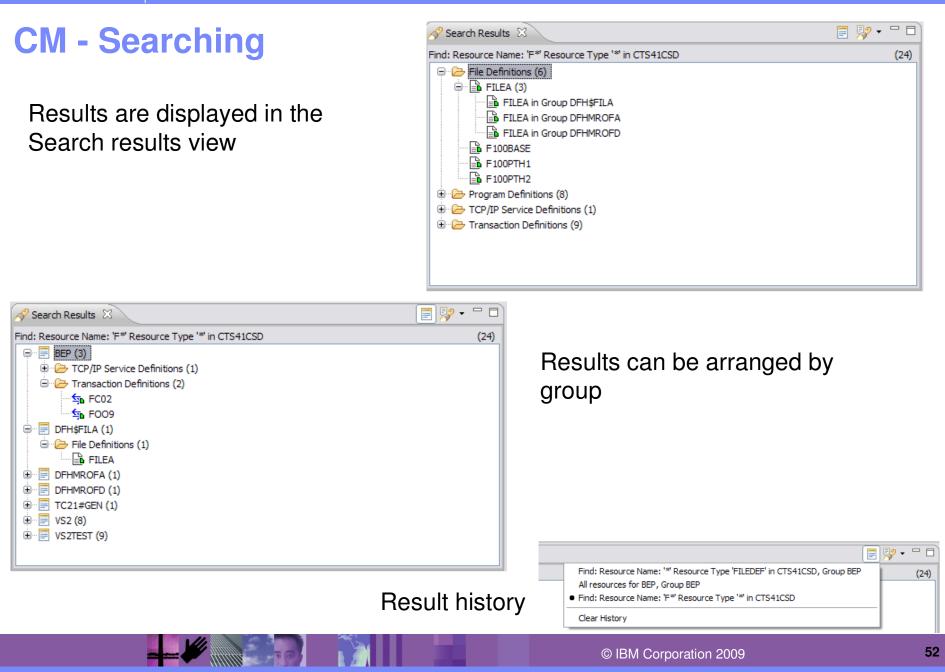
✤ Search Definitions		$\overline{\mathbf{X}}$
Search Definitions Specify search criteria		S?
Search	Filter	Last modification agent
Resource Name: *	÷ * ×	is 🔻
Resource type: File Definitions Configuration(s) CTS41CSD Choose	Change Agent is DREPAPI	DREPAPT O DREPBATCH N_A
Group(s)		
BEP Choose		
0	(OK Cancel

If a resource type is specified further filtering can be done on attribute values











CM - Clean Up – Specific Searches

lame		CSD/Context		
CMS41C	SD	CICSTOOL.CP	SM41.CICSTS4	
CTS41C	SD	CICSTOOL.CIC	CSTS41.DFHCSD	
DIYDZZ32	F	CTS320P4.IYD	ZZ32F.DFHCSD	
0IYDZZ41	F	CICSIAD.IYDZ	Z41F.DFHCSD	
TOOLP'	Show All	Resources		
	Clean Up	•	Show Resource	s With Unique Names
	Search	•	Show Duplicate Show Orphaneo Show Shared R Show Orphaneo	esources

Some searches to aid in resource and CSD clean up have been provided

Some specific searches on certain resource types: LSRPool Program

CB	New	N/A
CB	Open	N/A
CB _	open	N/A
CB	Install	N/A
CB	Add to Group	N/A
CB	Remove from Group	N/A
CB -		N/A
СВ 🕽	🕻 Delete 🖉	N/A
CB	Find 🕨	Similar Resources
CBMF	CX53 N/A	Transactions referencing Program
CRME	CVED NUA	NI/A



CM - Operational Definitions

* Preferences			_ 🗆 🗙							
type filter text	Connections	Connections $\Leftrightarrow \star \Rightarrow \star \bullet$								
Capabilities Connections ⊕ Help ⊕ Install/Update	Connection Type: Configuration Manager Name: CM 2.1 Connection Location Host name: WINMVS2E.HURSLE Port number: 3990 Authentication User ID: KAT Password: ••• Saved passwords are stored of difficult, but not impossible, for CICS Connection Name V 4.1 Connection 1 Old data connection to 4.1		New Connect Delete							
		Restore Defau	Its Apply							
0		ОК	Cancel							

You can associate a CMCI or a CICSPlex SM Data connection with your CM connection, to allow management of operational resources alongside use of CM

CM - Operational Definitions

CNX0211I Conte	EXU DEP, RE	sourc	.e: 1	FILEDER, 41	ecords c	ollecte	u at 09-Jul-2005	14:40:19				
Name		V	ersi	ion		0	reate Time		Change Time			
ASILLY		1				N/	A	1	01-Jul-2009 12:49:58			fdk
FC02			Nev	N		N/	A		08-M	ay-2009 09:10:	52	
TESTDIS			Ope	en		N/	A		11-M	ay-2009 12:20:	05	
UNITTEST			Ins	tall		N/	A		11-M	ay-2009 17:10:	33	
🕒 Files 🛛				d to Group nove from G	roup							Ŷ
CNX0211I Conte	ext: TOOLPL					ecords	collected at 09-	Jul-2009 14	:48:0	1		
Region	Name	×	Del	ete		tatus	Add	Browse		Delete	Read	
CICSC141	ACCTFIL		Fin	d	•		ADDABLE	NOTBROV	٧	DELETABLE	READA	ABLE
CICSC141	ACCTFIL@	-	\sim	ENABLED	CLOSED		ADDABLE	NOTBROV	٧	DELETABLE	READ	ABLE
CICSC141	ACCTNAM		~	ENABLED	OPEN		NOTADDA	BROWSAE	BLE	NOTDELET	READA	ABLE
CICSC141	ACCUNTDB	•	~	ENABLED	OPEN		NOTADDA	NOTBROW		NOTDELET REA		ABLE
CICSC141	ACINUSE		~	ENABLED	CLOSED		ADDABLE BR		BLE	DELETABLE	READA	ABLE
CICSC141	BRQFILOD		~	ENABLED	CLOSED		ADDABLE	NOTBROV	٧	NOTDELET	READABL	
CICSC141	CIUCNTL		~	ENABLED	CLOSED		ADDABLE	BROWSAE	BLE	DELETABLE	READA	ABLE
CICSC141	CIUINT1		~	ENABLED	CLOSED		ADDABLE	BROWSAE	BLE	DELETABLE	READA	ABLE
CICSC141	CTUTNT2		~	ENABLED	CLOSED		ΔΟΟΔΒΙΕ	BROWSAR	RE	DELETARI E	READ/	

This enables you to manage any regions connected to the WUI server and install CICSPlex SM definitions into those regions IBM Software Group



CICS TG in CICS Explorer

BM CICS Explorer	in a DTA	Mana Mar I											
Explorer Edit Operations Admir	nistration RTA	WLM <u>W</u> indow	/ <u>H</u> elp										
i 🖬 • 🖫											E 🔁 🖾	CS TG 🕸	
🕸 CICSplex 🛛 🗇 CICSplex 🗧 🗖										🔗 Name:	0	X 🗸 🗖 🗖	
Server: IYCWJFW1 🔗					records co		Apr-2009 10:29:22						
🖩 💠 DUMMY907 (0/0) 🛛 🗖	Name	Status	Version			Netname		Health	MaxPi	InUse		TCP	Clients
■			7.2.0.0	MV24.CTGR			3 days 18:09:30	100	250	0	WINMVS24	4148	0
🖮 🚸 L830PLEX (0/0)		RUNNING	7.2.0.0	MV24.CTGR			3 days 17:57:52	100	250	0	WINMVS24	4150	0
🖮 🕸 L830PLX2 (0/0) 🔤			7.2.0.0	SMITHSON.		CTGEXCI	17 days 21:07:30	100 100	250	0	WINMVS24	6483	0
■ 🕸 L830PLX3 (0/0)		RUNNING RUNNING	7.2.0.0	SMITHSON.	CTG/ZUA	CTGEXCI -Generic-	17 days 21:07:49	100	250 250	0	WINMVS24 WINMVS24	6485 6486	0
			7.1.0.0	- 710A		-Generic-	14 days 22:53:25 17 days 21:07:45	100	250	0	WINMVS24 WINMVS24	6487	0
🖩 🚸 L830PLX5 (0/0)			7.2.0.0	MV24.CTGB		-Generic-	3 days 17:57:57	100	250	0	WINMV524	4149	0
■ ◆ L918PLX1 (0/0)		RUNNING	7.2.0.0	MV24.CTGB		BLU2EXCI	3 days 17:58:13	100	250	0	WINMVS24	4151	0
■			7.2.0.0	PIVZ I. CTOD	102	DEOZEXCI	i	100	2.50	0	VVII VII VII VUI	1131	
■ ◆ L938PLX (0/0)	<))
	Properties											E \$	<u>∎</u> ▼ □
	Property	Value											<u>^</u>
	🛛 🗉 Gateway da	emon											
	Default	IY24CT	GU										
CICSF1 (IYK3ZFF1)	Gateway	ID MV24.C	TGRED1										
CICSF2	Health	100											
	InUsePip	es 0											
CICSRF1 (IYK3ZRF1)	MaxPipes	s 250											
CIP2CA01	Name	CTGREE)1										=
to CIP2CT01	Netname	e RED1EX	CI										
- CIP2CT02	Platform												
CN6MAS01	Status	I RUNN	IING										
	UpTime	3 days :	18:09:30										
	Version	7.2.0.0											
TYCIJFD1 (IYCIJFD1)	Network det	ails											
	Clients	0											
TYCIJFF1 (IYCIJFF1)	Hostnam	e WINMV	S24										
TYCIJFF2 (IYCIJFF2)	SSL	-	-										
	ТСР	4148											~
: T [*]		11.0									🕴 🔹 🕇 SAME	DAY	
											, - onite	571	

CICS Explorer SupportPac: http://www-01.ibm.com/support/docview.wss?rs=9&context=SSGMJ2&dc=D400&uid=swg24022354

Impact 2010 Highlights for System z

An enhanced Smart SOA and BPM Technology Program:

200+ client speakers, 50 Birds of a Feather sessions, & free certification testing

- 50 explicitly System z sessions scheduled, 15% of the Technology Program
- CICS specific sub-track 35 sessions including 2 client sessions
- Broad System z coverage additional 16 sessions
 - 1 client sessions, 1 BP session and 1 Cross-brand exec
- In the Business Program, 1 client WebSphere exec session
- System z Roadmap & flyers will provide the visibility

A new Product Technology Center offering:

Open labs, tech zones, and product demos

- System z Solution Suite for a Smarter Planet
- Business Partner Café System z table

A state-of-the art Solution Showcase Center:

- 17 Impact partners are z, 2 Gold and 6 Silver sponsors
- zZone features IBM & 8 partners, 7 confirmed, 1 pending
 - Prime location at entrance to the expo floor
 - System z Hardware and pedestal
 - zZingo card driving ped attendance with "benefits"
- System z Tour

System z unique offerings:

- System z Software Reception on Sunday Evening
- System z Solution Suite: Ask z Experts on Wednesday evening
- STG GM for System z, Tom Rosamilia will be on site, speaking and available for client meetings

http://www-01.ibm.com/software/websphere/events/impact/













The Objectives of CICS Smart Seminars

- The CICS Seminar program presents to customers, at their site, a customised technical agenda of CICS TS and CICS Tools delivered by CICS Technical specialists.
- Convey our CICS family message and strategy to a wide audience and skill set (AD & System Programmers, Architects etc) at customers own location ensuring the customer incurs no travel and lodging costs.
- Obtain customer testimonies and references in support of the SOA capabilities of the latest CICS release.
- Develop new workload on CICS; show customers how they can use the new features in the latest release to take advantage of their existing solutions and investments and ensure their short term and long term plans can reflect these capabilities.
- Send a note to <u>cicssem@uk.ibm</u> or contact your Sales Representative to nominate yourself and construct a customised agenda to you requirements



CICS Development Technical Services

Helping to solve Business Problems and exploiting new Business Opportunities

Engage the Hursley development team to ensure that you get the maximum value from your CICS investments.

Consultants are now available via a funded services engagement directly from CICS development providing a complete range of CICS services - no one has more experience!

- System Health Check
 - How can you be sure that your CICS environment in running optimally? Be sure that your CICS environment is in the best of health and delivers maximum value to you
- Upgrade Services

Do you want to improve your competitive edge by offering new CICS services? Exploit new CICS features such as: Web services, IP connectivity, CICS Explorer, Event Processing, Web 2.0, Atom Feeds and PHP scripting in CICS





CICS Development Technical Services

Helping to solve Business Problems and exploiting new Business Opportunities

- Security and Governance
 - Worried about your CICS security? Standards, regulatory compliance and policies getting you down? This services helps you assess and ensure the security and compliance of your CICS assets.
- Performance Optimization
 - Is your goal to maximize your performance and minimize your costs? We review CICS performance data from SMF records and/or CICS tooling to provide tuning recommendations and Capacity Planning advice

Web Services Enablement

Need to unlock and modernize your CICS assets for SOA exploitation? We provide education and implementation for CICS Web services support including Rational Developer for z tooling. We can help with identifying assets for re-use in an application and legacy modernization project

Integration and Connectivity

Interested in lowering complexity? Need to connect CICS with WebSphere using the latest technologies? We provide consultancy for migration from SNA to IP connectivity as well as using connection technologies such as the CICS Transaction Gateway and Web services to provide the availability of your CICS business assets to a wider audience in an SOA



CICS Development Technical Services

Helping to solve Business Problems and exploiting new Business Opportunities

Systems Management

Concerned about the availability of your CICS environment? Our Systems Management offering is aimed at ensuring that your CICS environment is being managed to Best Practice standards. Improve your service levels and lower your costs

Event Processing

Respond more quickly to business opportunities without changing your existing CICS application code. CICS Event Processing also helps you with regulatory compliance and Service Level Agreement monitoring through Business Dashboards and Key Performance Indicators. This offering helps you integrate your CICS environment into an Event Processing framework.

Customized Workshops

Skills issue? Need the best CICS product and solution training? Ensure the effective transfer of CICS best practices to the next generation of IT Staff. We offer Customized Workshops to meet your education needs for the CICS Family of products. These workshops are staffed by senior CICS developers and can be run either at your location, or at an IBM location that meets with your preference.



For further information please contact: CICSDTS@uk.ibm.com

CICS Communities and Information

- **CICS Transaction Server V4.1**
 - http://ibm.com/cics/tserver/v41/
- **CICS Explorer home page**
 - Remember this link ibm.com/cics/explorer
- **CICS Explorer Forum**
 - http://tinyurl.com/68bndw
 - IBM developerWorks forum with FAQs, Links and resources, ISV Contributions, etc. Ask questions, suggest improvements, report problems, chat
- New! CICS Hub on the Rational COBOL Café
 - http://ibm.com/software/rational/cafe/community/cobol/cics
- Twitter Subscribe to the IBM System z channel & CICSfluff channel to get CICS news flashes
- CICS Blog Comment and opinion at TheMasterTerminal.com
- **CICS eNews** Subscribe for news about CICS and related products
- **CICS Links** regular updates all in a single presentation deck
- YouTube channels
 - CICS Explorer Videos, demos and other cool stuff
 - CICSFluff Other CICS videos



zSeries

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