

Using the CICSplex SM Web User Interface

Dan Donnelly

Donnelly@uk.ibm.com

Session 4112A

Agenda

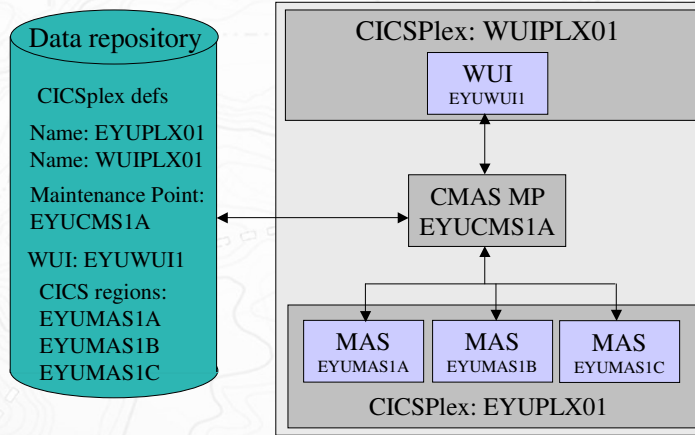
- Creating a WUI server
- The WUI screen structure and view types
 - Assistance frame, Navigation frame, Work area
 - Tabular views, Detail views, Confirmation panels
- Customised views
- CICS TS 3.2 WUI Enhancements

Web User Interface

- **Familiar Browser environment**
 - Runs in any browser that supports HTML 4
 - Additional features provided with JavaScript
- **Menu, Tabular/Detail view structure**
- **Hyperlinks between**
 - levels of detail
 - e.g. tasks for given unit of work in CICSplex to task detail
 - resource relationships
 - e.g. navigate to program referenced by transaction
- **Capability to build your own menus and views via view editor**
- **Control transaction COVC**
- **Shipped in Simplified Chinese and Japanese**

Creating a WUI Server

- Recommended that WUI servers are kept in their own CICSplex.
- The MP CMAS for the WUI server CICSplex could also be MP CMAS for the managed CICS systems CICSplex.



Creating a WUI server

- Requires creation of a new CPSM MAS for appropriate CICSplex
- Create a WUI repository
 - Holds imported WUI views and menus
- Update CICS conversion table
- Alter CICS JCL to include WUI datasets and parameters
- If you want to export you own views you need to create a WUI export dataset

Create a WUI Repository

```

/*
//DEFWREP EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//SYSID DD *

DEFINE CLUSTER (
NAME( &DSHLQ.EYUWREP )
STORCLAS( STANDARD )
RECORDS( 5000 5000 )
CONTROLINTERVALSIZE( 8192 )
SPANNED
INDEXED
SHAREOPTIONS( 2 )
)
DATA (
NAME( &DSHLQ.EYUWREP.DATA )
KEYS( 20 20 )
RECORDSIZE( 8192 32000 )
)
INDEX (
NAME( &DSHLQ.EYUWREP.INDEX )
)
)
/*

```

Differences in MAS JCL

▪ CICS SIT parameters to update

- INITPARM=(EYU9VKEC='xxx',EYU9VWAN='yyyy')
 - xxx is ENU for English, JPN for Japanese, CHS for Chinese
 - yyyy is ENU1 for English, JPN1 for Japanese and CHS1 or CHS2 for Chinese
- CPSMCONN=WUI
 - CICS SIT parameter used in all CPSM systems (can equal CMAS, LMAS, WUI)

If you are creating a WUI server below 3.2 you will also need to include the following:

GRPLIST= *name of list that includes that includes group EYU310G1 and EYU310GW*

For example EYU310GW could be added to the list for your MAS (which will include EYU310G1)

(Note the numbers are release specific so if you are at 2.3 the groups would be EYU230G1 and EYU230GW)

Differences in MAS JCL

- **Main DD statements to be added to CICS JCL**

- **EYUWREP**

- This DD statement points to the WUI repository

- **EYUCOVI**

- Points to a View import dataset

- **EYUWUI**

- Points to the WUI server initialisation parameters

In 3.2 if DFHISTAR is used to create the specific WUI JCL these DD cards appear automatically, otherwise you'll need to modify normal LMAS JCL with these DD cards.

Differences in MAS JCL

- EYUWUI example

```
//EYUWREP DD DISP=SHR,DSN=data set name
//EYUWUI DD *
    TCPHOSTNAME(MVSXX.COMPANY.COM)
    TCPIPPT (4445)
    DEFAULTCONTEXT(EYUPLX01)
    DEFAULTSCOPE(EYUPLX01)
    DEFAULTCMASCTXT(EYUCMAS1A)
    AUTOIMPORTDSN(CTS32.CPSM.SEYUVIEW)
    AUTOIMPORTMEM(EYUEA*)
/*
```

Required WUI parameters

Recommended optional parameters

In releases below CICS TS 3.2 you must include the following DD card:

```
//EYUCOVI DD
DISP=SHR,DSN=CICSTS31.CPSM.SEYUVIEW(EYUEVX01)
```

AUTOIMPORTDSN and AUTOIMPORTMEM should also be removed and the following added:

```
AUTOIMPORTTDQ(COVI)
```

Update Conversion Table (DFHCNV) for CICS TS 3.1 and below

DFHCNV TYPE=INITIAL

*

DFHCNV TYPE=ENTRY, RTYPE=PC, RNAME=DFHQBHH, USREXIT=NO, *
 SRVERCP=037, CLINTCP=8859-1

DFHCNV TYPE=SELECT, OPTION=DEFAULT

DFHCNV TYPE=FIELD, OFFSET=0, DATATYP=CHARACTER, DATALEN=32767, *
 LAST=YES

DFHCNV TYPE=ENTRY, RTYPE=PC, RNAME=DFHQBUD, USREXIT=NO, *
 CLINTCP=8859-1, SRVERCP=037

DFHCNV TYPE=SELECT, OPTION=DEFAULT

DFHCNV TYPE=FIELD, OFFSET=0, DATATYP=CHARACTER, DATALEN=32767, *
 LAST=YES

*

COPY EYU\$CNV1

**Must be added to conversion table.
 Contained in CICSTS31.CPSM.SEYUSAMP**

*

DFHCNV TYPE=FINAL END

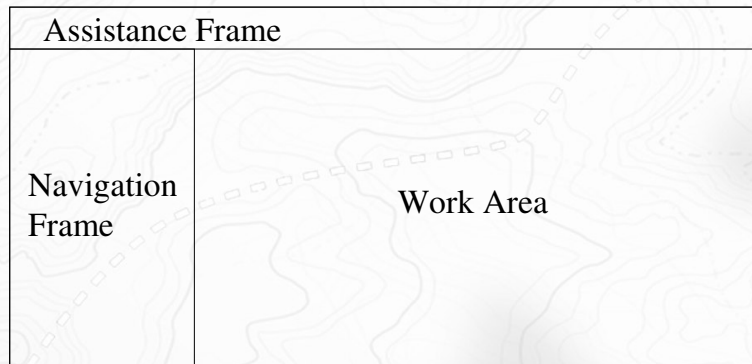
For CICS TS 3.2 the basic DFHCNV has been updated to include the WUI codepages, so you only need to run the basic DFHCNV.

EYU\$CNV1 for WUI

```
DFHCNV TYPE=ENTRY, RTYPE=PC, RNAME=EYUENU1, USREXIT=NO, *
CLINTCP=8859-1, SRVERCP=037
DFHCNV TYPE=SELECT, OPTION=DEFAULT
DFHCNV TYPE=FIELD, OFFSET=0, DATATYP=CHARACTER, DATALEN=32767, *
LAST=YES
*
DFHCNV TYPE=ENTRY, RTYPE=PC, RNAME=EYUJPN1, USREXIT=NO, *
CLINTCP=943, SRVERCP=939
DFHCNV TYPE=SELECT, OPTION=DEFAULT
DFHCNV TYPE=FIELD, OFFSET=0, DATATYP=CHARACTER, DATALEN=32767, *
LAST=YES
*
DFHCNV TYPE=ENTRY, RTYPE=PC, RNAME=EYUCHS2, USREXIT=NO, *
CLINTCP=5488, SRVERCP=1388
DFHCNV TYPE=SELECT, OPTION=DEFAULT
DFHCNV TYPE=FIELD, OFFSET=0, DATATYP=CHARACTER, DATALEN=32767, *
LAST=YES
```

WUI Screen

- WUI screen made up of three frames
 - Assistance Frame
 - Navigation Frame
 - Work Area



Assistance Frame

Link to www.ibm.com



Last screen link

Last menu link

Main menu link

Help hyperlink

- Main menu link – displays main menu in Work Area
- Last menu link – displays last visited menu in Work Area
- Last screen link – displays previous view in Work Area
- Help hyperlink – launches a new browser window with general help information

Navigation Frame

- Open
- Home
- Repeat last menu
- + Alerts
- + Regions
- + Activity
- + Connectivity
- + Files & DB2
- + Journals
- + Queues
- + Transactions
- + Programs
- + Enterprise Java
- + Administration
- Special
- Refresh
- View editor
- User editor
- New window
- Close window
- Sign off

Main menu /
 Last menu links

Links to views
 (modifiable)

Links to manage
 Editors and Windows

Sign off from WUI

- Allows access to views without clicking through menus
- View links can be customised through View Editor
- Users can add commonly used views for rapid access

Work Area

Local or dynamic transaction



EYUVC1280I 4 records collected at 08/25/05 13:06:11.

Context:
Scope:
Transaction ID: Automatic refresh: 60 seconds.
Enabled status:

4 records on 1 pages.

Record	CICS system name	Transaction ID	Enabled status	Number of times transaction used	First program name	Transaction priority	Transaction class name	Purgeability option	Transaction dump option	Routing type
1 <input type="checkbox"/>	IYK3ZDD4	DBG0	Disabled	0	EYU9DBG0		1 DFHTCL00	Notpurgeable	Trandump	Static
2 <input type="checkbox"/>	IYK3ZDD4	DEBUG	Enabled	0	EYU9DEBUG		1 DFHTCL00	Notpurgeable	Trandump	Static
3 <input type="checkbox"/>	IYK3ZDD5	DBG0	Enabled	0	EYU9DBG0		1 DFHTCL00	Notpurgeable	Trandump	Static
4 <input type="checkbox"/>	IYK3ZDD5	DEBUG	Enabled	0	EYU9DEBUG		1 DFHTCL00	Notpurgeable	Trandump	Static

4 records on 1 pages.

Resource name: LOCTRAN. View name: EYUSTARTLOCTRAN.TABULAR

WUI View Types

■ Basic WUI Views

- Tabular
 - Shows basic information for a number of resources at the same time
- Detail
 - Shows all attributes for a resource
- Confirmation Panel
 - Shows parameters and attributes to perform an action on a resource

■ New to CICS TS 2.2

- Detail view with Matrix
 - Similar to normal Detail view, but allows the data to be displayed in a multi column table

■ New to CICS TS 3.1

- Two column Detail View
 - Similar to normal Detail view, but allows information to be displayed in two columns instead of one

Tabular View

Local or dynamic transaction

EYUVC1280I 153 records collected at 09/21/05 13:19:48.

Context:
Scope: Automatic refresh: 60 seconds.
Transaction ID:
Enabled status:

153 records on 22 pages. Page: 1

Record	CICS system name	Transaction ID	Enabled status	Number of times transaction used	First program name	Transaction priority	Transaction class name	Purgeability option	Transaction dump option
1 <input type="checkbox"/>	IYK3ZDD4	CADP	Enabled	0	DFHDPLU		1 DFHTCL00	Purgeable	Trandump
2 <input type="checkbox"/>	IYK3ZDD4	CATA	Enabled	1	DFHZATA	255	DFHTCL00	Purgeable	Trandump
3 <input type="checkbox"/>	IYK3ZDD4	CATD	Enabled	0	DFHZATD	255	DFHTCL00	Purgeable	Trandump
4 <input type="checkbox"/>	IYK3ZDD4	CATR	Enabled	0	DFHZATR	255	DFHTCL00	Notpurgeable	Trandump
5 <input type="checkbox"/>	IYK3ZDD4	CBAM	Enabled	0	DFHECBAM	255	DFHTCL00	Notpurgeable	Trandump
6 <input type="checkbox"/>	IYK3ZDD4	CCIN	Enabled	0	DFHZCN1	254	DFHCOMCL	Purgeable	Trandump
7 <input type="checkbox"/>	IYK3ZDD4	CCRL	Enabled	0	DFHSOCRL		1 DFHTCL00	Purgeable	Trandump

153 records on 22 pages. Page: 1

Detail View

CICS region



EYUVC1280 | 1 records collected at 09/21/05 13:22:24.



Refresh

CICS system name | YK3ZDD4

Terminal AI values

Autoinstall enabled status | Enabled

Autoinstall console status | Noauto

Persistent session delay interval | 00:00:00

Autoinstall program name | DFHZATDX

Number of current autoinstall requests | 0

Maximum number of autoinstall requests | 100

Program AI values

Autoinstall program exit name | DFHPGADX

Autoinstalled-program catalog type | Ctgmodify

[General information](#)

[Monitoring, dump and trace details](#)

[Task details](#)

Apply changes

Shutdown...

Request system dump...

Switch auxiliary tracing data set...

Detail View with Matrix

Dynamic Storage Areas (DSA)



CICS system name DEWCB8A0

Short on storage status Notsos

Current DSA limit

Total storage currently allocated to DSAs 1048576

Peak amount of storage allocated to DSAs 1048576

[Extended Dynamic Storage Areas \(EDSA\)](#)

Dynamic Storage Areas

	CDSA	UDSA	SDSA	RDSA
DSA Size	524288	0	262144	262144
Peak DSA Size	524288	0	262144	262144
Current Free Storage	131072	0	253952	69632
Times Short-on-Storage	0	0	0	0
Times no storage returned	0	0	0	0
Current Subpools (domain and task)	39	19	7	4
Getmain Request	3245	0	12	0
Freemain Request	3245	0	6	0

Two Column Detail View

Terminal



EYUVC12801 2 records collected at 08/20/04 11:10:28.

CICS context:
 Context:
 Scope:
Refresh

CICS system name	IYK3ZDB3	Terminal ID	CBRF
Access method	Vtam	Acquire status	Notapplic
Alternate page height	0	Alternate page width	0
Alternate printer		Hardware COPY feature for alternate printer	Notapplic
Alternate screen height	0	Alternate screen width	0
Alternate-map-set suffix	00X	APL keyboard feature	Noaplkbyd
APL text feature	Noapltxt	ASCII data stream type	Notapplic
Automatic transaction initiation (ATI) status	Ati	Audible alarm feature	Audalarm
Session binding status	Notapplic	Background transparency feature	Backtrans
Extended color feature	Color	Console ID	
Copy feature in control unit	Noucopy	Correlation ID	
Session creation status	Notapplic	Device data stream type	Ds3270
Default page height	24	Default page width	80
Default screen height	24	Default screen width	80
Device type	T3277r	Device busy status	Not applicable
Disconnect Requests status	Discreq	Dual-case keyboard status	Nrdualcase
Exit tracing status	Notapplic	Extended data stream support	Extendedds
Function management header (FMH) option	Nofmhparm	Forms feed feature	Noformfeed

Confirmation Panel

Install



Transaction definition name TRN1
Definition version 1
Definition description

Target scope value

Related scope value

Usage value LOCAL

(LOCAL, REMOTE)

Mode value N/A

(N/A, DYNAM, STAT)

Overtyp value NONE

(NONE, TARGET, RELATED, BOTH)

Notify value NO

(NO, INACTIVE, RELEASE, FULL)

State check value NO

(NO, YES)

Force install value NO

(NO, YES)

Override string expression

Override string

No Yes

Create Customized Views

- You can create views in the WUI tailored to the needs of your Enterprise
 - e.g. sets of views could be created specifically for use by Developers, System Administrators, Help Desk operators.
- Menus and Views can be altered to focus on information considered important
- Supplied terminology can be overridden
 - When creating Menus and Views, default terminology can be overridden with terminology specific to your enterprise
- Links to Web pages not served by the WUI server may be added to Views and Menus
- Help pages specific to your customised view may be added

View Editor Main Screen

The screenshot shows a web browser window titled "CICSPlex SM Web User Interface Editor - IYK3ZDD4 - DSFDS - Microsoft Internet Explorer". The page has a blue header with the IBM logo and the text "CICSPlex SM Web User Interface". Below the header, the main content area is titled "CICSPlex SM Web User Interface Editor" and contains the following text: "Select Web User Interface resource type to work with. Close this window to exit the Editor when you have finished." Below this text, there is a section titled "Web User Interface resource" with two options: "Menus" (with a link) and "View sets" (with a link). The status bar at the bottom of the browser window shows "Applet EyuWuiWatchdog started" and "Internet".

CICSPlex SM Web User Interface Editor

Select Web User Interface resource type to work with. Close this window to exit the Editor when you have finished.

Web User Interface resource

Menus	Work with Menus
View sets	Work with View sets and Views

Applet EyuWuiWatchdog started | Internet

IBM 2007 **IMPACT** IBM

Menu Components

Menu Components

EYUVC10161 Signon complete for User (ASDAS). ?

EYUVE00601 Menu (MYOPERATE) has been opened for edit. ?

Select the menu component you wish to edit. You will return to this screen and can select other components later. Click 'Save' to save all your changes. Click 'Abandon' to discard all your changes.

Context: DWDPLEX1
Scope: DWDPLEX1 Set

A modifiable version of the supplied Operations menu.

Selected menu

Menu: MYOPERATE
Menu title: CICS operations views
Last modified by: DONNELL
Last modified on: 04/29/05 13:53:19

Menu components

<p>1 Title and annotation</p> <p>2 Context and Scope options</p> <p>3 Menu contents</p> <p>4 Menu help location</p>	<p>Edit the menu title and annotation. (This is not applicable when the Menu is used as the Navigation Frame.)</p> <p>Edit the Context and Scope display options. (This is not applicable when the Menu is used as the Navigation Frame.)</p> <p>Edit the menu contents.</p> <p>Edit the location of the help page, if any. (This is not applicable when the Menu is used as the Navigation Frame.)</p>
---	---

CICS operations views

- [CICS Business Transaction Services \(RTS\) operations views](#)
- [CICS region operations views](#)
- [Connection operations views](#)
- [DB2 and DBCTL operations views](#)
- [Document template operations views](#)
- [Enqueue model operations views](#)
- [Enterprise Java component operations views](#)
- [Exit operations views](#)
- [FEPI operations views](#)
- [File operations views](#)
- [Journal operations views](#)
- [Program operations views](#)
- [Task operations views](#)
- [TCP/IP service operations views](#)
- [Temporary storage queue \(TSQ\) operations views](#)
- [Terminal operations views](#)
- [Transient data queue \(TDQ\) operations views](#)
- [Transaction operations views](#)
- [Unit of work \(UOW\) operations views](#)

Related resources

- [Monitoring views](#)

Menu name: MYOPERATE

Menu Contents Screen

Menu Contents



To add a new item to the end of the Menu, click 'Append'. Select an item and click 'Insert' to add a new item above the selected one. To work with an existing item, select the item and click 'Edit' or 'Delete'. Click 'OK' when you have finished.

Selected menu

Menu: EYUSTARTADMCONFIG

Menu contents

Definitional views

- [CICSplex definitions](#)
- [CMAS in CICSplex definitions](#)
- [CMAS-to-CMAS link definitions](#)
- [CMAS-to-RMAS link definitions](#)

Tabular View Components

Tabular View Components

Select the tabular View component you wish to edit. You will be able to edit components later. Click 'OK' when you have finished. Click

Selected view

View: TABULAR
View title: Active task
Object: TASK
View set: ASDAS

Tabular view components

- 1 [Table contents](#)
- 2 [Title and annotation](#)
- 3 [Action buttons](#)
- 4 [View help location](#)
- 5 [Available filters](#)
- 6 [Context and Scope options](#)
- 7 [Tabular View display options](#)

Active task

EYUVC1280I 8 records collected at 04/29/05 14:11:28.

Context: DWDPLEX1
 Scope: DWDPLEX1
 Task ID: []
 Transaction ID: [] Aa Automatic refresh: [60] seconds.
 Dispatch status: [] [] Refresh

8 records on 1 pages.

Record	CICS system name	Task ID	Transaction ID	Dispatch status	User ID	Principal facility	VTAM LU name	Task priority	Tr...
1	IYK3ZDD4	0000019	CONL	Running	DONNELL			255	DE
2	IYK3ZDD4	0000025	COVG	Suspended	DONNELL			255	DE
3	IYK3ZDD4	0000030	COI0	Suspended	DONNELL			255	DE
4	IYK3ZDD4	0000031	COIE	Suspended	DONNELL			255	DE
5	IYK3ZDD4	0000261	COVA	Suspended	DONNELL			150	DE
6	IYK3ZDD4	0000443	COVA	Suspended	DONNELL			150	DE
7	IYK3ZDD4	0000508	COVA	Suspended	DONNELL			150	DE
8	IYK3ZDD4	0000631	COVP	Suspended	DONNELL			75	DE

8 records on 1 pages.

Set attributes... Purge...

Table Contents Screen

CICSplex SM Web User Interface Editor - IYK3ZDD4 - VVCXC - Microsoft Internet Explorer

CICSplex SM Web User Interface

Table Contents

To add a new column to the end of the table, click 'Append'. Select a column and click 'Insert' to add a new column before the selected one. To work with an existing column, select the column and click 'Edit' or 'Delete'. Click 'OK' when you have finished.

Selected view

View: TABULAR
View set: DANTCPDEF

Table contents

<input type="radio"/> TCP/IP service definition name	<input type="radio"/> Last new	<input type="radio"/> Definition version	<input type="radio"/> New title	<input type="radio"/> Definition create time	<input type="radio"/> Last time the definition was changed	<input type="radio"/> Definition description	<input type="radio"/> Queue backlog limit
NAME	CHANGETIME	DEFVER	ATTACHSEC	CREATETIME	CHANGETIME	DESCRIPTION	BACKLOG

OK Append Insert Edit Delete Cancel

Applet EyuWuiWatchdog started

Internet

Detail View Components

Detailed Form Components

Select the detailed form component you wish to edit. You will return to this screen and can select other components later. Click 'OK' when you have finished. Click 'Cancel' to abandon your changes.

Selected view

View: DETAILED
View title: Active task
Object: TASK
View set: ASDAS

Detailed form components

- 1 [Form contents](#) Edit the Attributes to be displayed on the View.
- 2 [Title and annotation](#) Edit the View title and the annotation that appears at the bottom of the display.
- 3 [Attribute grid contents](#) Edit the caption and contents of the optional attribute grid.
- 4 [Action buttons](#) Edit the buttons that will be available to perform actions or launch action confirmation panels.
- 5 [View help location](#) Edit the location of the help page, if any.
- 6 [Available filters](#) Edit the set of attributes and parameters that will be made available to the user to filter the Object instances on the display.
- 7 [Context and Scope options](#) Edit the Context and Scope display options.
- 8 [Detailed form display options](#) Edit the display options available for the View.

OK

Cancel

Active task

EYUVC1280I 8 records collected at 04/29/05 14:11:28.

Refresh

CICS system name IYK3ZDD4
Task ID 0000019
Transaction ID CONL
User ID DONNELL

General information

Principal facility
Transaction class DFHTCL00
Task priority 255
Dispatch status Running
Purgeability status Notpurgeable
Time task has been suspended 0.00.00
VTAM LU name
Local unit of work (UOW) ID BCEF096A57770B270000000000000000

Identification details

[Clocks and timings](#)
[Settings](#)
[Request counts](#)
[Comms requests](#)
[Storage usage](#)
[TCP/IP usage](#)
[Channel usage](#)
[CICS BTS requests](#)
[CPU and TCB information](#)

Apply changes

Purge...

Detail Form Contents

Form contents

- Test View
- CICS system name EYU_CICSNAME
- Pool name NAME
- Space
- Connection status CONNSTATUS

OK Append Insert Edit Delete Cancel




CICS TS 3.2 WUI Enhancements

- **View/Menu Help**
 - Each supplied View and Menu contains help on attributes, links etc
 - Also appears on customized views
- **InfoCenter Launch from WUI**
 - If CICS InfoCenter SIT PARM is set WUI will launch InfoCenter
- **Map**
 - Provides a visual representation of BAS, WLM and RTA definition associations
- **Expand on Summary**
 - A row in a summarized view can be expanded to show all resources related to that row

CICS TS 3.2 WUI Enhancements

- Updated View Import Process
 - Supplied views now directly imported from a dataset
 - Makes service easier to apply
- Miscellaneous
 - Sort and summarize on CICS Names in a view
 - Can Sort and Summarize on EYU_CICSNAME through the API
 - Trace flags can now be set through WUI

View / Menu Help

- Old “WUI help” icon replaced: 
- View level help now indicated by previous icon:  
- Icon appears at the top right-hand corner of all views and menus
- Clicking on icon launches help for that view/menu in new Window

IBM 2007 IMPACT **IBM**

CICS region monitoring views

The CICS region monitoring views show information about the CICS systems within the current context and scope. Note: This monitor data is available only for CICS systems that are being monitored by CICSplex SM. Information for the MTRNCLS view is available only for CICS systems where global resources are being monitored.

Filters

Title	Attribute	
Context	CONTEXT	For more information on Context see here
Scope	SCOPE	For more information on Scope see here

For more information on Set see [here](#)

CICS region monitoring views

Item	
Monitor data for DSA	The monitor data for DSA (MCICSDSA) views show general information about dynamic storage areas (DSAs) within monitored CICS systems. View link: Monitor data for DSA
CICS regions	The CICS regions (MCICSRGN) views display information about monitored CICS systems. View link: Monitor data for CICS regions
Transaction classes	The transaction classes (MTRANCLS) views display information about transaction classes within monitored CICS systems. View link: Monitor data for transaction classes

Related resources

Item	
CICS region operations views	The CICS region operations views show information about the CICS systems within the current context and scope. Menu link: CICS region operations views

For general CPSM Web User Interface Help see [here](#)

33

This slide shows an example of help for a Menu.

At the top of the screen general information about the menu is given.

Below this information is given on the filters available for that menu.

There then follows information on each link itself. This information is grouped in the same way that the links are grouped on the screen.

WLM groups

Tabular information about all WLM groups within the current context.

The **WLM groups** (WLMGROUP) views display information about related workload definitions. These definitions provide the association anchor between a set of WLMDEF definitions and a WLM specification (WLMSPEC).

Filters

Title	Attribute	
Context	CONTEXT	For more information on Context see here
Workload management group	NAME	The name of the workload group.

For more information on Refresh see [here](#)

Fields

Title	Attribute	
Workload management group	NAME	The name of the workload group. Format: Advanced View link: WLM groups
Description	DESC	A 1- to 58-character description of the workload group. Format: Advanced
Last modification	CHANGETIME	The local time when the WLM group definition was last changed. Format: MM/DD/YY HH:MM:SS

Actions

Button text	Action	
Create...	CREATE	Create a WLM group definition and add it to the data repository. View link: WLM groups

34

This slide shows an example of help for a View.

At the top of the screen general information about the view is given.

Below this information is given on the filters available for that view.

There then follows information for each field on the screen.

Below this there is a section that provides information for the actions on the view.

If there are any links on the view information is provided on these as well.

Editing help on the View Editor

- For Views the Title section of the View Editor has a section to alter the help text that appears at the top of the help screen
- Attribute help text etc is not editable
- Menu help text is completely editable
 - Help text at top of screen is editable
 - Help for a menu choice is editable

Help text

Help text: If supplied, this help text will appear at the top of the help page for this View.

OK Cancel

InfoCenter Launch from WUI

- If CICS SIT parameter INFOCENTER is set to the InfoCenter URL WUI can link to it
- Link appears in the Assistance Frame



InfoCenter Link

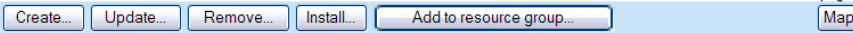
- InfoCenter is launched in new browser window
 - Note we only launch to the main InfoCenter page

Map

- Supplied as base function on CICS TS 3.2
- Made available on CICS TS 3.1 via APARs PK19401/PK21988
- Shows associations between resource definitions to be viewed diagrammatically
- Useful for understanding the topography of BAS, WLM and RTA definitions

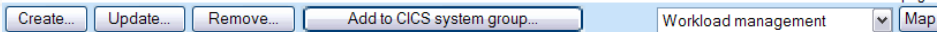
Map

- To launch a map select a resource and click Map button at bottom right-hand corner



Create... Update... Remove... Install... Add to resource group... Map


- For a CICS system definition, CICS system group or Period definition, the are to be mapped is selected from a drop-down box



Create... Update... Remove... Add to CICS system group... Workload management Map

Map

- Example of map screen shown below

Map of CICS system definition IYK3ZAB2 

Context: ALISCP5M

CICS system definition	Workload management (WLM) specification	Workload management (WLM) group	Workload management definition	Transaction group definition
IYK3ZAB2	<ul style="list-style-type: none"> <input type="radio"/> WLMSPEC1 	<ul style="list-style-type: none"> <input type="radio"/> WLMGRP1 <input type="radio"/> WLMGRP2 <input type="radio"/> WLMGRP3 	<ul style="list-style-type: none"> <input type="radio"/> WLMDEF1 	<ul style="list-style-type: none"> <input type="radio"/> TRANGRP1

- Map left/right function provided by selecting radio button and click icon at top right of screen
- Sections of the map can be expanded and collapsed
- Clicking on hyperlinks takes you to detail view of that resource

Map left and right

Map Editing

- Maps are edited through the View Editor

Map Hyperlinks



[EYUVE10211](#) Map (GR4BASMAP) has been opened for edit.

Select the hyperlink to edit and click 'Edit' to continue.

Map

Map: GR4BASMAP

Map Hyperlinks

CICS system definition / System group definition	Resource description definition	Resource assignment definition	Resource group definition	Resource definition
<input checked="" type="radio"/> CSYSDEF	<input type="radio"/> RESDESC	<input type="radio"/> RASGNDEF	<input type="radio"/> RESGROUP	<input type="radio"/> CONNDEF ▼
<input type="radio"/> CSYSGRP				

Save Edit

Abandon

Map Editing

- Maps can be exported and imported in the same way as Views and Menus
 - COVC import panels updated to include Maps
- New WUIPARMS added to allow customised maps to be used as default:
 - DEFAULTMAPBAS
 - DEFAULTMAPWLM
 - DEFAULTMAPRTA
 - DEFAULTMAPMON
- User Groups have been updated to override these defaults

Expand on Summary

- It is possible to expand a summary row by clicking on the Record count column

Context='DWDPLEX1' Scope='DWDPLEX1' Refresh

Summarized on Language

7 records on 1 pages.

Record	Record count	CICS system name	Program name	Enabled status	Total number of times program was executed	Number of times program currently accessed	Language	Share status	CEDF status	N re st
1	29	IYK3ZDD4	*****	Enabled	2	2	Notapplic	Private	Notapplic	N
2	7	IYK3ZDD4	*****	N_a	0	0	C	Private	N_a	N
3	2119	IYK3ZDD4	*****	N_a	9306	93	Assembler	N_a	N_a	N
4	3	IYK3ZDD4	DFH*****	N_a	0	0	Cobol	Private	N_a	N
5	5	IYK3ZDD4	DFH*****	N_a	0	0	Plipl1	Private	N_a	N
6	28	IYK3ZDD4	*****	Enabled	0	0	Le370	N_a	Nocecdf	N
7	2	IYK3ZDD4	DFH*****	Enabled	0	0	Notdefined	Private	N_a	N

Expand on Summary

- An Expanded view looks as follows:

Context='DWDPLEX1' Scope='DWDPLEX1' Refresh

Summarized on Language Expanded on Notdefined

2 records on 1 pages.

Record	CICS system name	Program name	Enabled status	Total number of times program was executed	Number of times program currently accessed	Language	Share status	CEDF status	Newco require status
<input type="checkbox"/>	IYK3ZDD4	DFHCESD	Enabled	0	0	Notdefined	Private	Nocefd	Notrequ
<input type="checkbox"/>	IYK3ZDD4	DFHPGAPG	Enabled	0	0	Notdefined	Private	Cedf	Notrequ

2 records on 1 pages.

- On summary and expanded views filters that are applied are shown in display-only format

Updated View Import process

- Before 3.2 WUI supplied view shipped in three files:
 - EYUEVX01, EYUSVX01, EYUKVX01
- In 3.2 these files are split into multiple files
 - Whole set of supplied views no longer need to be shipped for a Service change
- Two methods of import
 - Import directly from dataset (for supplied views)
 - Import from TDQ (for your own exported views)
- External changes
 - New panels on COVC
 - New WUPARMS

Updated View Import process

- Import process selection panel

```
COVC                                CICSplex SM Web User Interface Control                                EYUVCTV

                                Import

                                _  1. Import from a data set
                                2. Import from a TDQ

Current Status : Ready                                Time : 12:34:16
Applid         : IYK3ZDD4                            Date  : 04/24/2007
```

Updated View Import process

- Import from dataset panel

```

COVC                CICSPlex SM Web User Interface Control                EYUVCTW
                                Import from a data set

Input data set name : CTS320.CPSM320.SEYUVIEW          Name of data set for import
Input data set member: EYUEA*                Member name, trailing * allowed
Type                 : ALL                    MEnu | Viewset | USERGrp | User | MAp
                                                All
Import option       : OVERWRITE             Skip | Overwrite | DELETE

Current Status : Ready                                Time : 12:35:59
Applid         : IYK3ZDD4                             Date  : 04/24/2007
    
```

To import all English supplied views member name must be EYUEA*, for Japanese EYUKA*, for Chinese EYUKA*.

Updated View Import process

- **New WUIPARMS**
 - AUTOIMPORTDSN
 - For the dataset name
 - AUTOIMPORTMEM
 - For the member name (e.g. EYUEA*)
- **AUTOIMPORTTDQ can still be used for your own exported views**

Miscellaneous

- **Sort and Summarize on CICS system name**
 - Previous restriction in API on sorting and summarizing on EYU_CICSNAME
 - This restriction has been removed
 - WUI now allows for sort and summarize on CICS system name on views

- **On the CMAS and MAS views trace flags can now be set**
 - Individual flags by specifying number
 - Can specify a range with hyphen (e.g. 1-10)
 - These can be mixed (e.g. 1-10,15 to switch on flags 1 to 10 and 15)

Summary

- The WUI provides a familiar browser environment for users to access CPSM
- Allows you to customise views to suit your enterprise
- New features in CICS TS 3.2
 - View/Menu Help
 - InfoCenter Launch from WUI
 - Map
 - Expand on Summary
 - Updated View Import Process
 - Sort and Summarize on EYU_CICSNAME
 - CMAS/MAS Trace entries can be set through WUI

IBM 2007
IMPACT

IBM

**Questions
and
Answers**

impact·venture*

© IBM Corporation 2007. All Rights Reserved.

The workshops, sessions and materials have been prepared by IBM or the session speakers and reflect their own views. They are provided for informational purposes only, and are neither intended to, nor shall have the effect of being, legal or other guidance or advice to any participant. While efforts were made to verify the completeness and accuracy of the information contained in this presentation, it is provided AS IS without warranty of any kind, express or implied. IBM shall not be responsible for any damages arising out of the use of, or otherwise related to, this presentation or any other materials. Nothing contained in this presentation is intended to, nor shall have the effect of, creating any warranties or representations from IBM or its suppliers or licensors, or altering the terms and conditions of the applicable license agreement governing the use of IBM software.

References in this presentation to IBM products, programs, or services do not imply that they will be available in all countries in which IBM operates. Product release dates and/or capabilities referenced in this presentation may change at any time at IBM's sole discretion based on market opportunities or other factors, and are not intended to be a commitment to future product or feature availability in any way. Nothing contained in these materials is intended to, nor shall have the effect of, stating or implying that any activities undertaken by you will result in any specific sales, revenue growth or other results.

Performance is based on measurements and projections using standard IBM benchmarks in a controlled environment. The actual throughput or performance that any user will experience will vary depending upon many factors, including considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve results similar to those stated here.

All customer examples described are presented as illustrations of how those customers have used IBM products and the results they may have achieved. Actual environmental costs and performance characteristics may vary by customer.

The following are trademarks of the International Business Machines Corporation in the United States and/or other countries. For a complete list of IBM trademarks, see www.ibm.com/legal/copytrade.shtml.
AIX, CICS, CICSplex, DB2, DB2 Universal Database, i5/OS, IBM, the IBM logo, IMS, iSeries, Lotus, OMEGAMON, OS/390, Parallel Sysplex, pureXML, Rational, RCAF, Redbooks, Sametime, System i, System i5, System z, Tivoli, WebSphere, and z/OS.

Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.
Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.
Intel and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.
UNIX is a registered trademark of The Open Group in the United States and other countries.
Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Other company, product, or service names may be trademarks or service marks of others.