



International Technical Support Organization

CICS Tools

ibm.com
the power of one

CICS Configuration Manager for z/OS V1.1



Redbooks Workshop

IBM ITSO - International Technical Support Organization

Notices

This information was developed for products and services offered in the U.S.A.

Note to U.S. Government Users Restricted Rights — Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to: IBM Director of Licensing, IBM Corporation, North Castle Drive Armonk, NY 10504-1785 U.S.A.

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

COPYRIGHT LICENSE:

This information contains sample application programs in source language, which illustrates programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. You may copy, modify, and distribute these sample programs in any form without payment to IBM for the purposes of developing, using, marketing, or distributing application programs conforming to IBM's application programming interfaces.

Trademarks

The following terms are trademarks of the International Business Machines Corporation in the United States, other countries, or both:

IBM eServer™

Redbooks (logo)™



- z/OS®
- CICS®
- CICSplex®
- IBM®
- OS/390®
- Redbooks™
- RACF®
- S/390®

The following terms are trademarks of other companies:

Intel, Intel Inside (logos), MMX, and Pentium are trademarks of Intel Corporation in the United States, other countries, or both.

Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

Java and all Java-based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

SET, SET Secure Electronic Transaction, and the SET Logo are trademarks owned by SET Secure Electronic Transaction LLC.

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

Agenda

- Managing your definitions
- CICS Configuration Manager
 - Overview
 - Environments
- Walkthrough

Credit

- Examples, graphics and screenshots in this presentation are from the ITSO Redbook: On Demand System Management in a CICS Environment (SG24-7144)

On Demand System Management in a CICS Environment



Chris Rayns
Tony Bertolozzi
Trevor Clarke
Tony Delmenico
Peter Klein

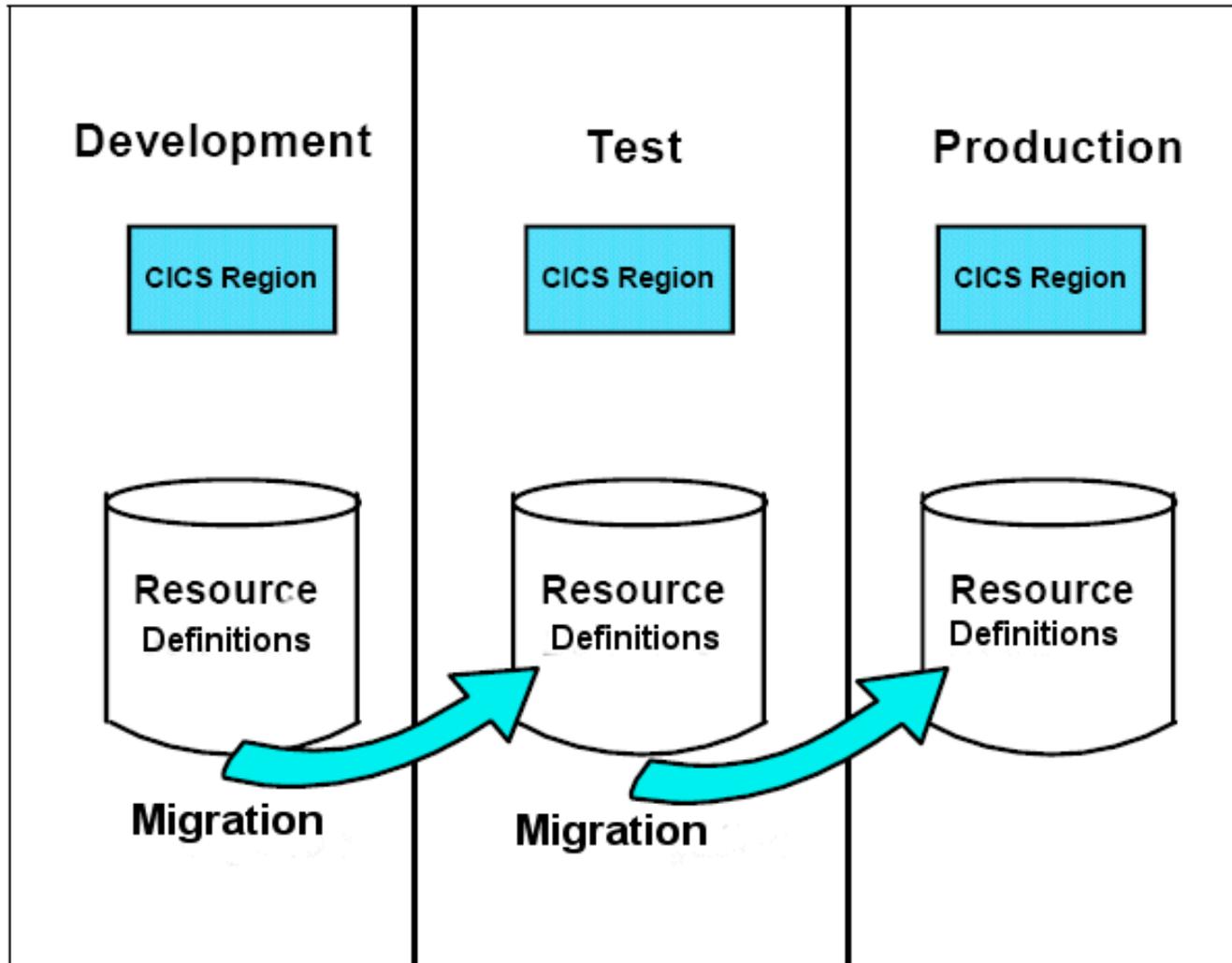
Redbooks

ibm.com/redbooks

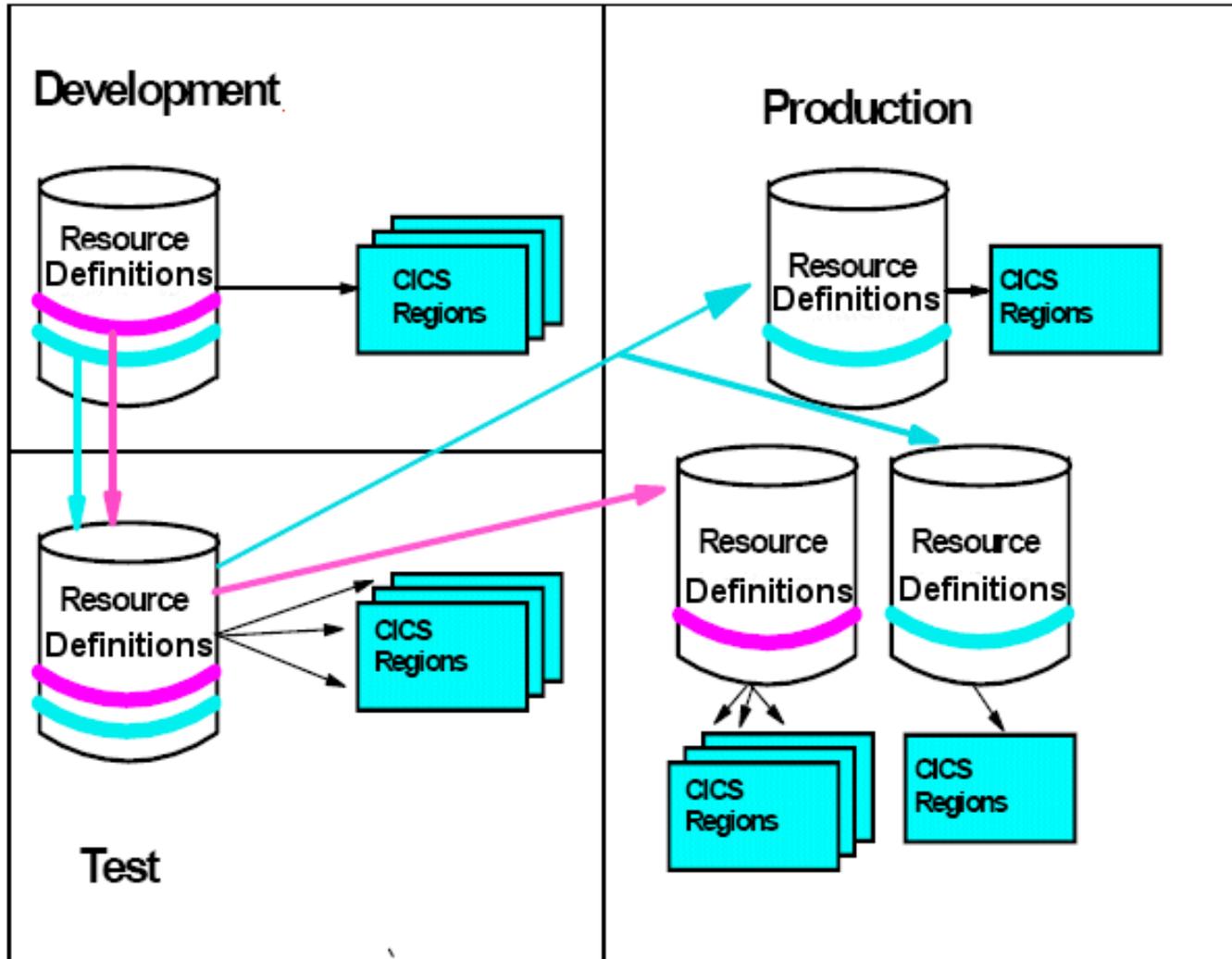
Managing CICS definitions

- CSD
 - Shared CSDs
 - Multiple CSDs
- CICSplex SM Business Application Systems (BAS)
 - Multiple interfaces:
 - TSO End User Interface
 - CICSplex SM Web User Interface
 - Batch / API
 - Easy model (Resource groups) vs Fully Functional model (Resource Assignments)
- Problems:
 - Backout procedures
 - Backup groups / lists
 - Change Control / Approval
 - Modifications for different environments
 - Renaming dataset names in files
 - Updating remote systems

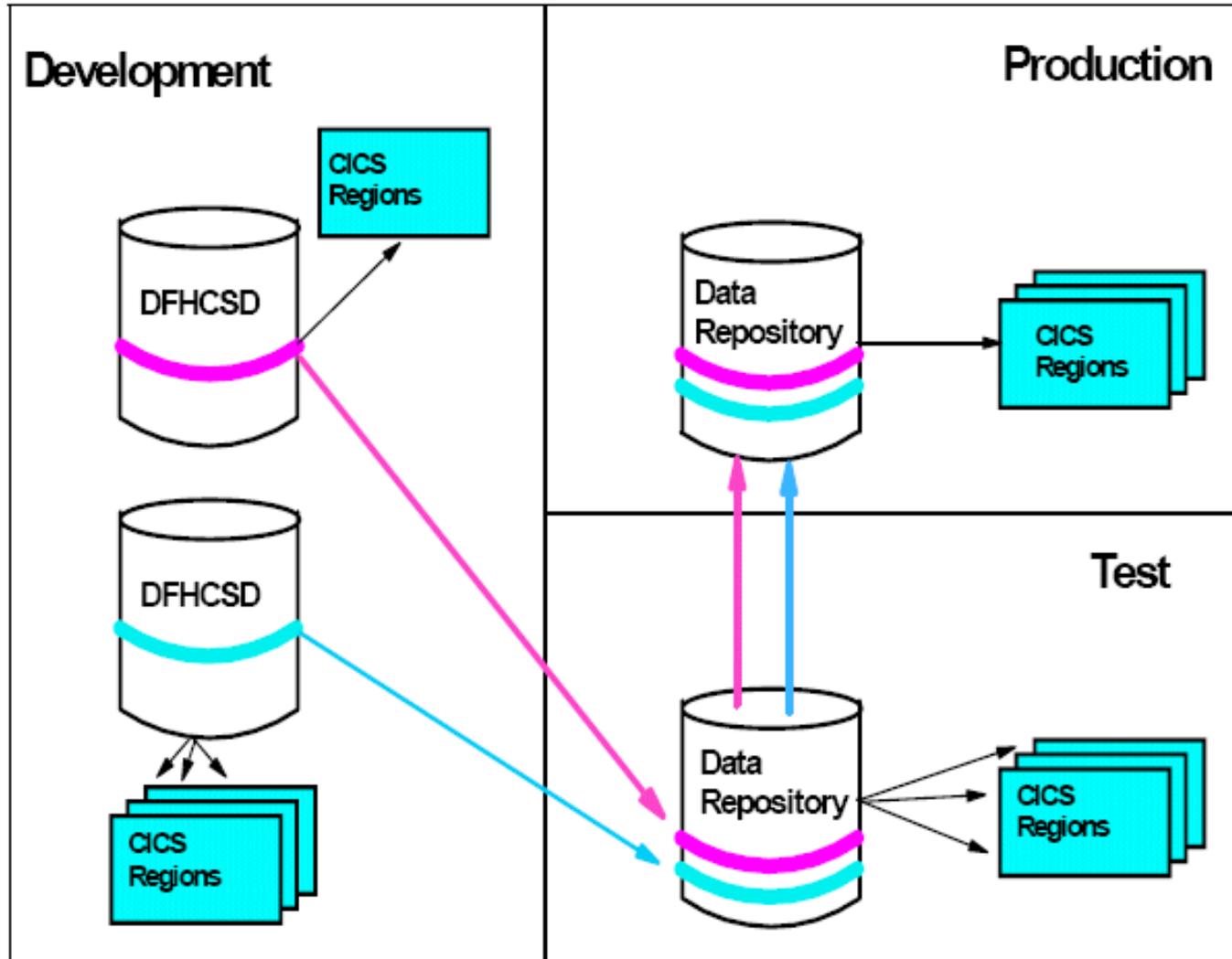
Change Management – Definition lifecycle



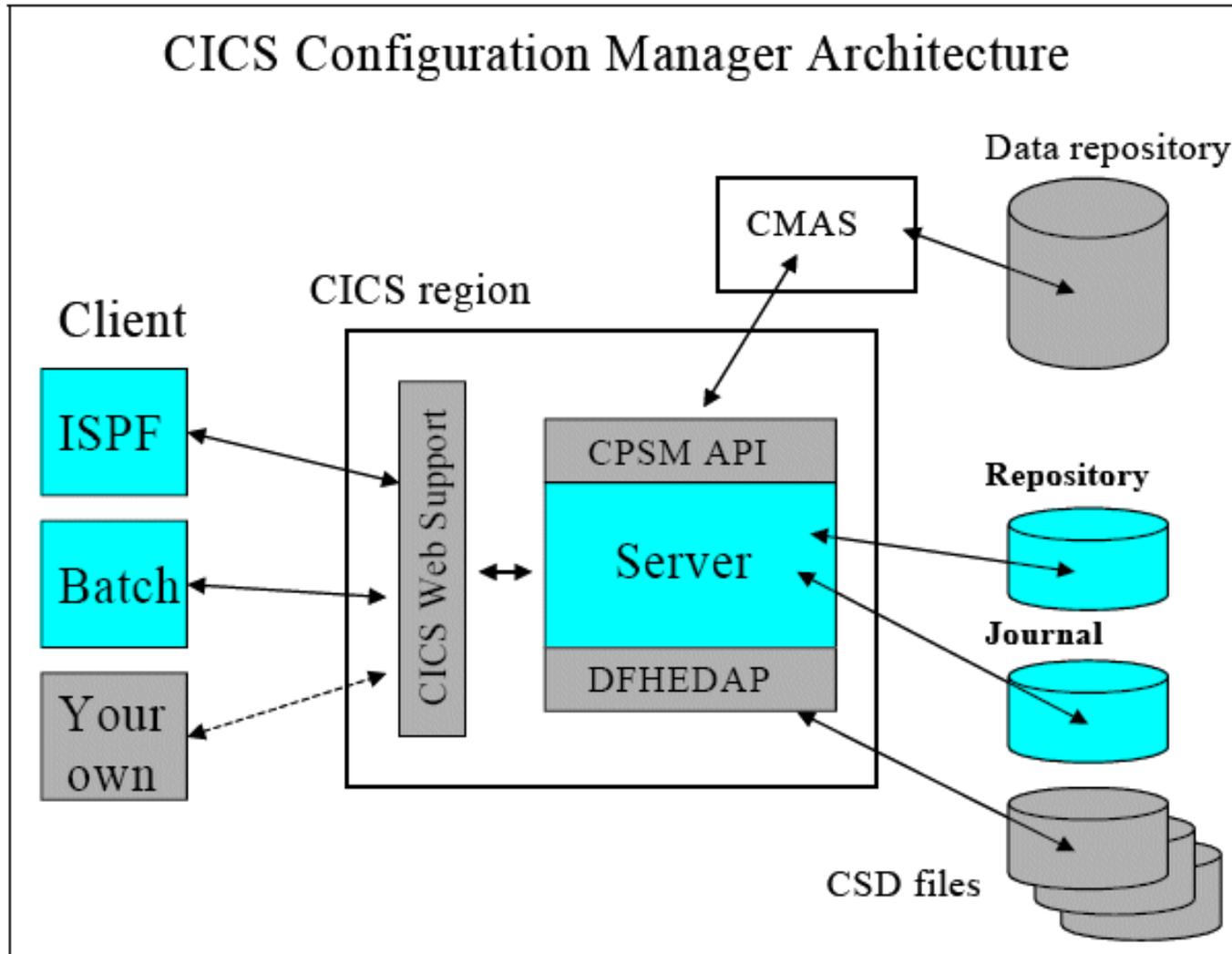
Change Management – Multiple Shared CSDs



Change Management – Mixed CSD and CICSplex SM BAS



Configuration Manager Architecture



Components

■ Client

- ISPF Dialog
- Batch Interface
 - Subset of commands:
 - Approve, Backout, Connect, Disapprove, Install, Migrate, Ready and Unready
- Build your own using SOAP 1.1 messages via HTTP sockets
 - See Appendix B of the CM Users Guide

■ Server

- VSAM files
 - Repository
 - Contains CM definitions, e.g. system options, CICS Configurations, Migration schemes, Transformation Rules etc
 - Journal
 - Before and after copies of resource definitions updated via CM.
 - Logs
- Invokes CICSplex SM API if required
 - CMAS responsible for CICS CM server must be connected to MP CMAS for CICSplex to be updated.
- Invokes DFHEDAP for CSD based changes
 - CSD Dataset name will be changed as appropriate.
 - Can Update any CSD available to system (e.g. shared DASD).

Configuration Manager Concepts

- **CICS Configurations**
 - A new term to describe a set of definitions managed by CM. This is to specifically avoid the differences between CSD's and CICSplex SM based definitions. CICS CM does not care!
- **Migration Schemes**
 - Describes the typical lifecycle of definitions. e.g. moving definitions from the 'test' CICS Configuration to the 'production' CICS Configuration.
- **Change Package**
 - A set of resource definitions in one or more CICS configurations
- **Migration**
 - The action of applying the updates in a Change package to one or more CICS Configurations based on the Migration Scheme.
- **Backout**
 - Undo the changes made by a migration.
- **Approval Profile**
 - An optional facility which requires that a change package must be approved by an approver before it can be migrated.
- **Transformation Rules**
 - Migration Schemes can refer to Transformation rules which can be used to automatically modify or block the migration of Definitions.

Walkthrough

Option 1.2 Defining CICS Configurations

```

Edit                               CICS Configuration                Row 1 to 1 of 1
Command ==>                        Scroll ==> PAGE

Name . . . . : CPSMTEST
Description . .

Specify the CSD file or Context name
1 1. CICSplex SM Context . . SC66PLEX
  2. CSD File . . . . .

Define transformation variables and values

/ Name          Value

```

- Identify a CICSplex SM CICSplex

```

Edit                               CICS Configuration                Row 1 to 1 of 1
Command ==>                        Scroll ==> PAGE

Name . . . . : DEV
Description . .

Specify the CSD file or Context name
2 1. CICSplex SM Context . .
  2. CSD File . . . . . CICSSYSF.CICSCMDV.DFHCS

```

Define transformation variables and values

```

/ Name          Value

```

- Or identify a CICS CSD dataset

Option 1.2 Defining CICS Configurations - Continued

```

#####
Administer          CICS Configurations          Row 1 to 4 of 4
Command ==>          Scroll ==> PAGE

/  Name      Prompt          ----- Changed -----   ID
  CPSMTEST          2005/08/16 19:04:56 CICSUSER
  DEV              2005/08/16 19:03:00 CICSUSER
  PROD            2005/08/16 19:03:31 CICSUSER
  TEST           2005/08/16 19:00:47 CICSUSER

```

- Action Codes:
 - S/E – Edit
 - V – View
 - DEF (line command) – Define
 - D - Delete

Option 1.3 Migration Scheme

```

Edit                               Migration Scheme                               Row 1 to 2 of 2
Command ==>                         Scroll ==> PAGE

Name . . . . : DEVTEST
Description . .

Approval Processing
/ Activate

Choose a view for related options
1 1. Migration paths      2. Transform variables

Define the migration path source and target CICS Configurations

/ Source + Target + Transform Rule +
DEV      CPSMTEST  RULE1
DEV      TEST      RULE1
```

Option 1.4 Approval Profile

```
Edit                               Approval Profile                               Row 1 to 1 of 1
Command ===>                               Scroll ===> PAGE
```

```
Name . . . . : APPROV1
Description . .
```

Define the approval authorities for the Migration Schemes

Migration	Approver	Approver	Approver	Approver	Approver
/ Scheme +	1	2	3	4	5
DEVTEST	DEVMGR	TESTMGR			

Option 1.5 Transform Rule

```

Edit                                     Transform Rule                               Row 1 to 2 of 2
Command ==>>                           Scroll ==>> PAGE

Name . . . . : RULE1
Description . .

Define transformation rules

/ Scheme      Source      Target      Resource      Resource
              Config      Config      Group         Type          Name
DEVTEST      DEV          CPSMTEST   *             TRANSACTION   RULE
DEVTEST      DEV          TEST       *             TRANSACTION   RULE
    
```

Option 1.5 Rule details

```

Edit                               Transform Rule
Command ==>

Name . . . . : RULE1
Description . .

                                         More:  -

Source Config . . DEV      +
Target Config . . TEST     +
Group . . . . . *
Resource Type . . TRANSACTION +
Resource Name . . RULE
Check Field . . . DESCRIPTION +
Check Operator  EQ +
Check Value . . . DevDescription      +

Choose a Processing Option
1  1. Transform and continue
   2. Transform and lock field
   3. Transform and lock record
   4. Stop migration of this resource

Transform Field and Values
Change Field . . DESCRIPTION  +
Change From . . . Dev*       +
Change To . . . . TestCSD*   +

```

Option 2 CICS Resources

```
Resources                               CICS Configurations          Row 1 to 6 of 6
Command ==> _____          Scroll ==> PAGE

/   Name      Description
___ CICS1     My Little CICS
___ CPSMTEST
___ CPSM1     My CICSplex
___ DEV
___ PROD
___ TEST
***** Bottom of data *****
```

Option 2 CICS Resources - Filter

```
Resources                               CPSMTEST CICS Resources       Press Enter to continue
Command ==> _____ Scroll ==> PAGE

Filter X* _____ * _____ + * _____

/      Name      Type      ResGroup Prompt      --- Changed ---
***** Bottom of data *****
```

– CICSplex Configuration

– CSD Configuration

```
Resources                               DEV CICS Resources       Press Enter to continue
Command ==> _____ Scroll ==> PAGE

Filter X* _____ * _____ + * _____

/      Name      Type      Group  Prompt      --- Changed ---
***** Bottom of data *****
```

Option 2 CICS Resources – List

Resources CPSMTEST CICS Resources Row 1 to 15 of 708
 Command ==> _____ Scroll ==> PAGE

Filter X* * + *

/	Name	Type	ResGroup	Prompt	---	Changed	----
_____	XXXPROG1	PROGRAM	X1		2000/05/08	12:21	
_____	XXXPROG2	PROGRAM	X5		2000/05/08	12:21	
_____	XXXPROG2	PROGRAM	X6		2000/05/08	12:21	
_____	XXXPROG3	PROGRAM	X1		2000/05/12	12:30	
_____	XXXPROG5	PROGRAM	X2		2000/05/08	12:23	
_____	XXXPROG6	PROGRAM	X3		2000/05/08	12:23	
_____	XXXPROG7	PROGRAM	X5		2000/05/12	12:27	
_____	XXXPROG8	PROGRAM	GWAANT		2000/05/11	17:45	
_____	XXXPROG8	PROGRAM	X4		2000/05/11	17:45	
_____	XXXPROG8	PROGRAM	X6		2000/05/11	17:45	
_____	XXXPROG9	PROGRAM	X5		2000/05/12	12:40	
_____	XXXPROG9	PROGRAM	X6		2000/05/12	12:40	
_____	X001	TERMINAL	BASTEST		1999/11/18	17:34	
_____	X002	TERMINAL	BASTEST		1999/11/18	17:34	
_____	X003	TERMINAL	BASTEST		1999/11/18	17:34	

Option 2 CICS Resources – Line commands

File Settings Help

```

CICSplex BAS Resources
CICS Resources List Actions

Select a number or action code and press Enter.

1.  Add      Add an association between two BAS resources  (A)
2.  Compare  Compare resources                               (CM)
3.  Copy     Copy the resource definition                   (C)
4.  Define   Define a new resource using this model        (DEF)
5.  Delete   Delete the resource definition                 (D)
6.  Edit     Edit the resource definition                   (S, E)
7.  Expand   Expand resources to display related ResGroups (X)
8.  History  History display for the resource definition    (H)
9.  Package  Package the resource into a change package    (P)
10. Remove   Remove associations between BAS resources     (R)
11. View     View a resource definition                    (V)

```

- For CSD CICS Configurations, Line Commands Add (A) and Remove (R) are not applicable

Option 2 CICS Resources – Edit a definition

Edit

Program

Command ===>

```

Program . . . : XXXPROG8
ResGroup . . . : X6
Location . . . : PLEXG001
Change Date . . : 2000/05/11 17:45:06
Description . . .

```

More: +

			Description
Language . . .	<u>N A</u>	+	Program language
Reload . . .	<u>NO</u>	+	Reload new copy on each execution
Resident . . .	<u>NO</u>	+	In-storage residence after first use
Usage . . .	<u>NORMAL</u>	+	Program storage release
UseLPACopy . .	<u>NO</u>	+	Use program from the link pack area
Status . . .	<u>ENABLED</u>	+	Enabled for use status
CEDF . . .	<u>YES</u>	+	Display CEDF diagnostic screens
DataLocation	<u>BELOW</u>	+	In-memory storage address data location
ExecKey . . .	<u>USER</u>	+	Program execution key
Concurrency . .	<u>N A</u>	+	Concurrent execution resource protection
API . . .	<u>CICSAPI</u>	+	API interface used by the program

Option 2 CICS Resources – Context Sensitive help

API - Help

More: +

API(CICSAPI OPENAPI)

This attribute specifies which API is to be used by the program. The API attribute applies to:

- o User application programs
- o PLT programs
- o User-replaceable programs
- o Task-related user exit programs

The API attribute does not apply to global user exits.

CICSAPI The program uses CICS application programming interfaces only. CICS determines whether the program runs on the quasi-reentrant (QR) TCB, or on another TCB. This depends upon the value of the CONCURRENCY attribute in the PROGRAM resource definition. If the program is defined as

Option 2 CICS Resources – Prompt

```

                                     **End**
                                     Concurrency Values
                                     Row 1 to 3 of 3
Command ==> _____

Select a value for Concurrency

Value
.  N_A
.  QUASIRENT
.  THREADSAFE
**End**
```

Creating and Migrating change packages

- Changes to be migrated must be contained within a Change Package
 - It's the container for all the resource definitions to be migrated.
- Change Package stages
 - Create Change Package
 - Assign resources to Change Package
 - Ready the Change Package
 - Approve (if required) the Change Package
 - Migrate the change package between CICS Configurations
 - Install the change package's resources into CICS (CICSplex SM configurations only)
 - Backout (if required) a previous migrate of a Change Package

Option 3 – Change Packages

```

Edit                               Change Package TESTPKG
Command ===>

Name . . . . : TESTPKG
Description . .

Change package settings
  Approval profile . . . APPROV1  +
  External reference . .

Choose a processing command and press Enter
  1. Package   Package CICS resources into the change package
  2. List      List CICS resources assigned to the change package
  3. Ready     Ready or unready the package for processing
  4. Approve   Approve or disapprove the change package
  5. Migrate   Migrate the change package
  6. Install   Install the package's resources into CICS regions
  7. Backout   Backout a previous migrate of the change package
  8. History   Display the change package processing history

Migration scheme . . . DEVTEST  + (Required for options 1-7)
```

Option 3 Change Packages – add resources

Package		Change Package TESTPKG				Row 1 to 7 of 7	
Command ==>						Scroll ==> PAGE	
Filter *	*	+	MIG*		DEV	+	
/	Name	Type	Group	Prompt	Config	---	Changed ----
p	ACCUNTD	FILE	MIG2		DEV	2005/08/17	15:21
p	PORT3900	TCPIP	MIG2		DEV	2005/08/17	15:21
p	RULE	TRANSACTION	MIG2		DEV	2005/08/17	15:23
p	SOAPSAMP	PIPELINE	MIG2		DEV	2005/08/17	15:21
p	SOA1	DB2ENTRY	MIG2		DEV	2005/08/17	15:21
p	SOA1	DB2TRAN	MIG2		DEV	2005/08/17	15:21
p	SOA1	TRANSACTION	MIG2		DEV	2005/08/17	15:21

- The Filter is used to build the list, e.g. Name=*, Type=*, Group=MIG* and Config=DEV
- Once the list is build, use the p (Package) line command to add the CICS resource to the change package

Option 3 Change Packages – Ready the Package

```
Ready                                Change Package TESTPKG
Command ===>

Name . . . . . : TESTPKG
Description . . :
Scheme name . . : DEVTEST
Scheme status . : Not ready, no approvals applied

Choose a processing option and press Enter
1  1. Ready      Ready the change package
   2. UnReady    Remove ready status from the change package
   3. List       List the ready-candidate CICS resources

Execution mode          Enter "/" to select option
1  1. Foreground      / Edit JCL before user submit
   2. Batch
```

Option 3 Change Packages – Approvals 1

```
Approve                               Change Package TESTPKG           Command successful
Command ===>

Name . . . . . : TESTPKG
Description . . :
Scheme name . . : DEVTEST
Scheme status . : Ready, partly approved

Choose a processing option and press Enter
1 1. Approve      Approve the change package for role . . . . DEVMGR      +
   2. Disapprove Disapprove the change package for role . . .      +
   3. List        List the approve-candidate CICS resources

Execution mode          Enter "/" to select option
1 1. Foreground      / Edit JCL before user submit
   2. Batch

Summary of approvers
Approver role:  DEVMGR      TESTMGR
Approved by:   CICSUSER    <required>
```

Option 3 Change Packages – Approvals 2

```
Approve                               Change Package TESTPKG           Command successful
Command ===>

Name . . . . . : TESTPKG
Description . . :
Scheme name . . : DEVTEST
Scheme status . : Ready, fully approved

Choose a processing option and press Enter
1  1. Approve   Approve the change package for role . . . . TESTMGR   +
   2. Disapprove Disapprove the change package for role . . .       +
   3. List      List the approve-candidate CICS resources

Execution mode          Enter "/" to select option
1  1. Foreground / Edit JCL before user submit
   2. Batch

Summary of approvers
Approver role:  DEVMGR      TESTMGR
Approved by:   CICSUSER    CICSUSER
```

Option 3 Change Packages – Migrate

```
Migrate                               Change Package TESTPKG           Command successful
Command ===>

Name . . . . . : TESTPKG
Description . . :
Scheme name . . : DEVTEST
Scheme status . : Ready, fully approved

Choose a processing option and press Enter
1 1. Migrate   Migrate the change package
   2. List     List the migration-candidate CICS resources

Execution mode           Enter "/" to select option
1 1. Foreground / Edit JCL before user submit
   2. Batch
```

Checking the Migrate results

– CICSplex Config

```
Resources                                CPSMTEST CICS Resources                                Row 1 to 7 of 7
Command ==>                               Scroll ==> PAGE

Filter *      *      +  MIG2

/   Name      Type      ResGroup Prompt      --- Changed ----
ACCUNTDDB FILE      MIG2      2005/08/17 16:32
PORT3900 TCPIP SERVICE  MIG2      2005/08/17 16:32
RULE      TRANSACTION  MIG2      2005/08/17 16:32
SOAPSAMP PIPELINE   MIG2      2005/08/17 16:32
SOA1      DB2ENTRY   MIG2      2005/08/17 16:32
SOA1      DB2TRAN   MIG2      2005/08/17 16:32
SOA1      TRANSACTION MIG2      2005/08/17 16:32
```

– CSD Config

```
Resources                                TEST CICS Resources                                Row 1 to 7 of 7
Command ==>                               Scroll ==> PAGE

Filter *      *      +  MIG2

/   Name      Type      Group  Prompt      --- Changed ----
ACCUNTDDB FILE      MIG2      2005/08/17 16:32
PORT3900 TCPIP SERVICE  MIG2      2005/08/17 16:32
RULE      TRANSACTION  MIG2      2005/08/17 16:32
SOAPSAMP PIPELINE   MIG2      2005/08/17 16:32
SOA1      DB2ENTRY   MIG2      2005/08/17 16:32
SOA1      DB2TRAN   MIG2      2005/08/17 16:32
SOA1      TRANSACTION MIG2      2005/08/17 16:32
```

Option 4 – Reports (Didn't we have some Rules ?)

Reporting Menu

Option ==> 2

CICS Resource Reports

- | | | |
|---|------------------|--|
| 1 | Compare | List resources with quick-compare indicators |
| 2 | Compare multiple | List resources across multiple CICS configurations |
| 3 | Find | Find resources using relationship criteria |
| 4 | Scan | Scan resources using field-sensitive filters |

Historical Reports

- | | | |
|---|--------------|--|
| 5 | CICS changes | List CICS resource changes using search criteria |
|---|--------------|--|

Option 4.2 Compare Multiple

```
Reports                                CICS Configurations                Row 1 to 4 of 4
Command ==>>                          Scroll ==>> PAGE

Select one or more CICS configurations and press Enter

/ Name      Description
s CPSMTEST
  DEV
  PROD
s TEST
```

Option 4.2 Compare Multiple

```
Compare Multiple                               CICS Resources                               Row 1 to 2 of 2
Command ===>                                  Scroll ===> PAGE

Filter RULE      TRANSACTION + *

/   Name      Type      Group   Prompt      Checksum Config
   RULE      TRANSACTION  MIG2
   RULE      TRANSACTION  MIG2      0540DCA7 CPSMTEST
                                     4AAED6DE TEST
```

Option 4.2 Compare Multiple

```
Compare Multiple                               CICS Resources                               Row 1 to 2 of 2
Command ==>                                   Scroll ==> PAGE

Filter RULE      TRANSACTION + *

/      Name      Type      Group      Prompt      Checksum Config
cm     RULE      TRANSACTION  MIG2
cm     RULE      TRANSACTION  MIG2      0540DCA7 CPSMTEST
cm     RULE      TRANSACTION  MIG2      4AAED6DE TEST
```

- Use the 'cm' Compare Multiple line command to see the differences between the two definitions

Option 4.2 Compare Multiple

Compare	Transaction
Command ==>	
Transaction . . : RULE	RULE
ResGroup . . . : MIG2	MIG2
==> Location . . : SC66PLEX	CICSSYSF.CICSCMTE.DFHCSD
Change Date . . : 2005/08/17 16:32:07	2005/08/17 16:32:07
==> Description . : CPSMTestDescription	TestCSDDescription
	More: +
Program : SOAPAPPL	SOAPAPPL
TWAsize : 0	0
Profile : DFHCICST	DFHCICST
PartitionSet :	
Status : ENABLED	ENABLED
TaskDataLoc . . : ANY	ANY
TaskDataKey . . : USER	USER
StorageClear . . : NO	NO
Runaway : SYSTEM	SYSTEM
Shutdown : DISABLED	DISABLED
Isolate : YES	YES
BRexit :	
Remote Attributes	
Dynamic : YES	YES
Routable : NO	NO

Option 3, Change Packages - History

History		Change Package TESTPKG				Row 18 to 36 of 36	
Command ===>						Scroll ===> CSR	
Date	Time	Scheme	Command	RC	ID		
. 2005/08/17	20:32	DEVTEST	MIGRATE	00	CICSUSER		
. 2005/08/17	20:30	DEVTEST	APPROVE	00	CICSUSER		
. 2005/08/17	20:29	DEVTEST	APPROVE	00	CICSUSER		
. 2005/08/17	20:27	DEVTEST	READY	00	CICSUSER		
. 2005/08/17	20:26	DEVTEST	DISAPPROVE	00	CICSUSER		
. 2005/08/17	20:25	DEVTEST	DISAPPROVE	00	CICSUSER		
. 2005/08/17	20:25	DEVTEST	UNREADY	00	CICSUSER		
. 2005/08/17	19:29	DEVTEST	MIGRATE	00	CICSUSER		
. 2005/08/17	19:29	DEVTEST	APPROVE	00	CICSUSER		
. 2005/08/17	19:29	DEVTEST	APPROVE	00	CICSUSER		
. 2005/08/17	19:29	DEVTEST	READY	00	CICSUSER		
. 2005/08/17	19:27	DEVTEST	MIGRATE	00	CICSUSER		
. 2005/08/17	19:27	DEVTEST	APPROVE	00	CICSUSER		
. 2005/08/17	19:26	DEVTEST	APPROVE	00	CICSUSER		
. 2005/08/17	19:26	DEVTEST	READY	00	CICSUSER		
. 2005/08/17	19:06	DEVTEST	MIGRATE	00	CICSUSER		
. 2005/08/17	19:05	DEVTEST	APPROVE	00	CICSUSER		
. 2005/08/17	19:05	DEVTEST	APPROVE	00	CICSUSER		
. 2005/08/17	19:05	DEVTEST	READY	00	CICSUSER		

Option 3 Change Packages - Backout

```
Backout                               Change Package TESTPKG                Row 1 to 4 of 4
Command ===>                           Scroll ===> PAGE

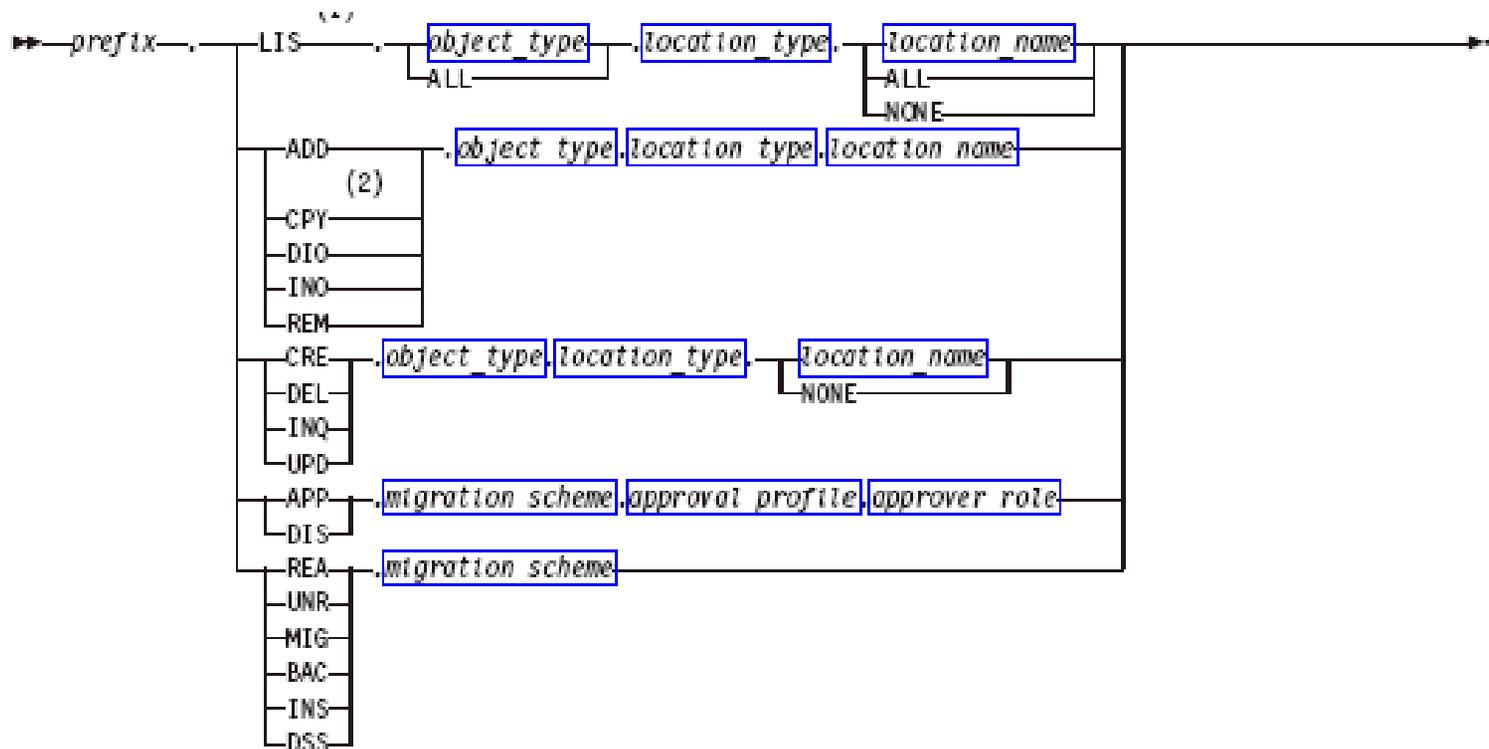
Select a migration for backout and press Enter

      Date      Time  Scheme      Command      RC  ID      Event ID
. 2005/08/17 20:32 DEVTEST      MIGRATE      00 CICSUSER BD79E4644F88A920
. 2005/08/17 19:29 DEVTEST      MIGRATE      00 CICSUSER BD79D679C69FFF80
. 2005/08/17 19:27 DEVTEST      MIGRATE      00 CICSUSER BD79D5E50D2E9A20
```

- Select the Migrate to back out to
- All Configurations migrated will be backed out.

Security

- Via SAF interface
- Users Authenticated to CM Server via RACF Passtickets
- Security:



Summary

■ Key Benefits

- You don't need to worry about the configuration method of the target systems, CSD or CICSplex SM BAS, Configuration Manager automatically does the right thing for the target environment
- Backout – Using Before Images, a Migrated Change Package can be backed out
 - No need to create manual backouts
- Transformations
 - Automatically apply environment naming standards to files etc without multiple definitions
- Cross system comparison

Summary Continued

- CICS Configuration Manager for z/OS V1.1
 - Program number: 5697-I78
 - FMIDs:
 - HCCK100 - Base
 - JCCK10E - English Language
 - JCCK10K – Japanese Language
 - GA date: April 29 2005
 - Key Prereqs:
 - z/OS V1.4 or later
 - CICS TS for OS/390 V1.3
 - CICS TS for z/OS V2.2
 - CICS TS for z/OS V2.3
 - CICS TS for z/OS V3.1
 - SOAP support in CICS and necessary functions enabled e.g. Named Counter Server etc
 - Documentation:
 - Program Directory ([GI10-2588](#))
 - Users Guide ([GC34-6646](#))
 - Maintenance:
 - Check PSP bucket Upgrade CICSCM11
 - New function added by APAR PK06987 e.g. ad-hoc Install /Newcopy