



International Technical Support Organization

CICS Tools

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CICS Configuration Manager for z/OS V1.1



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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

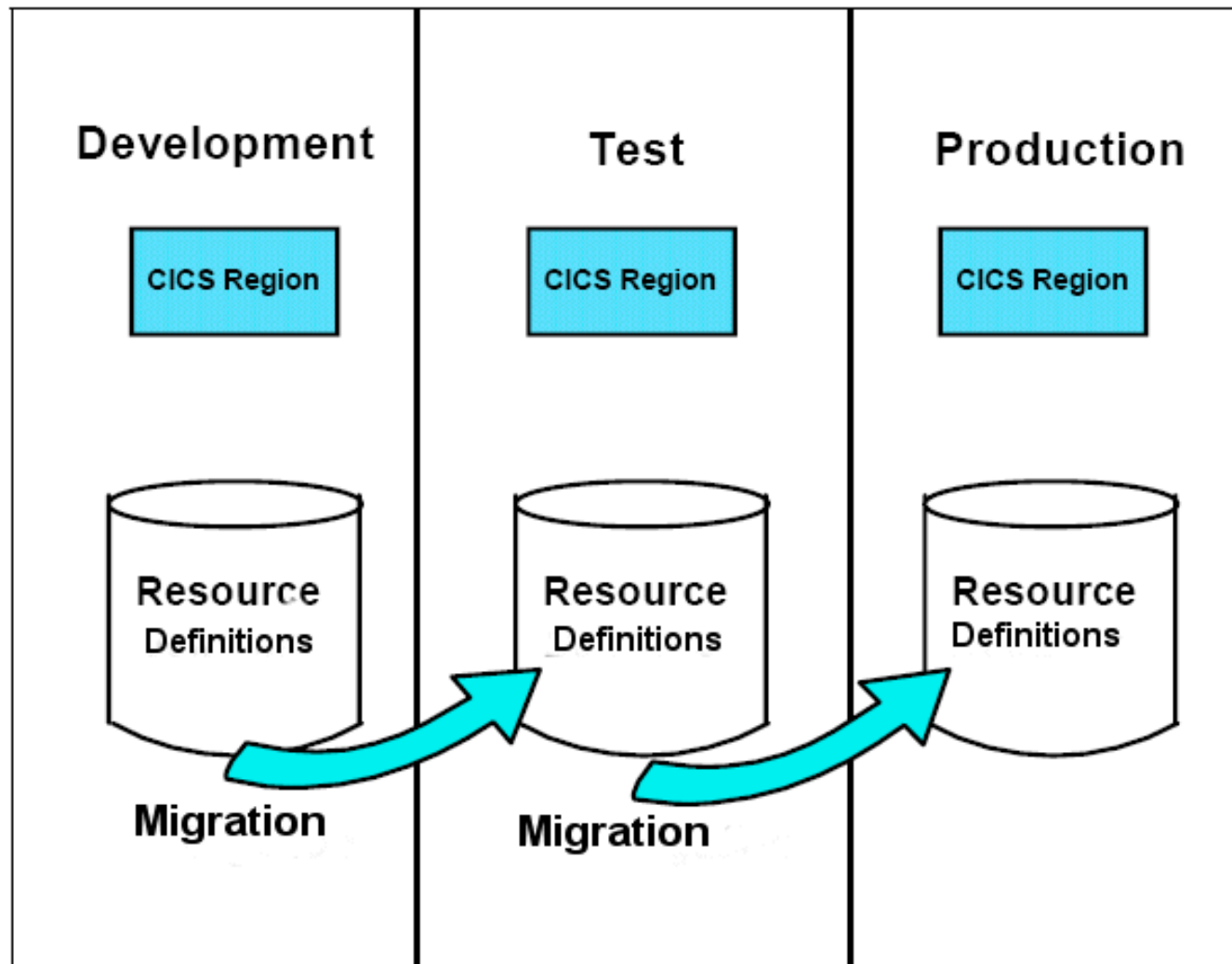
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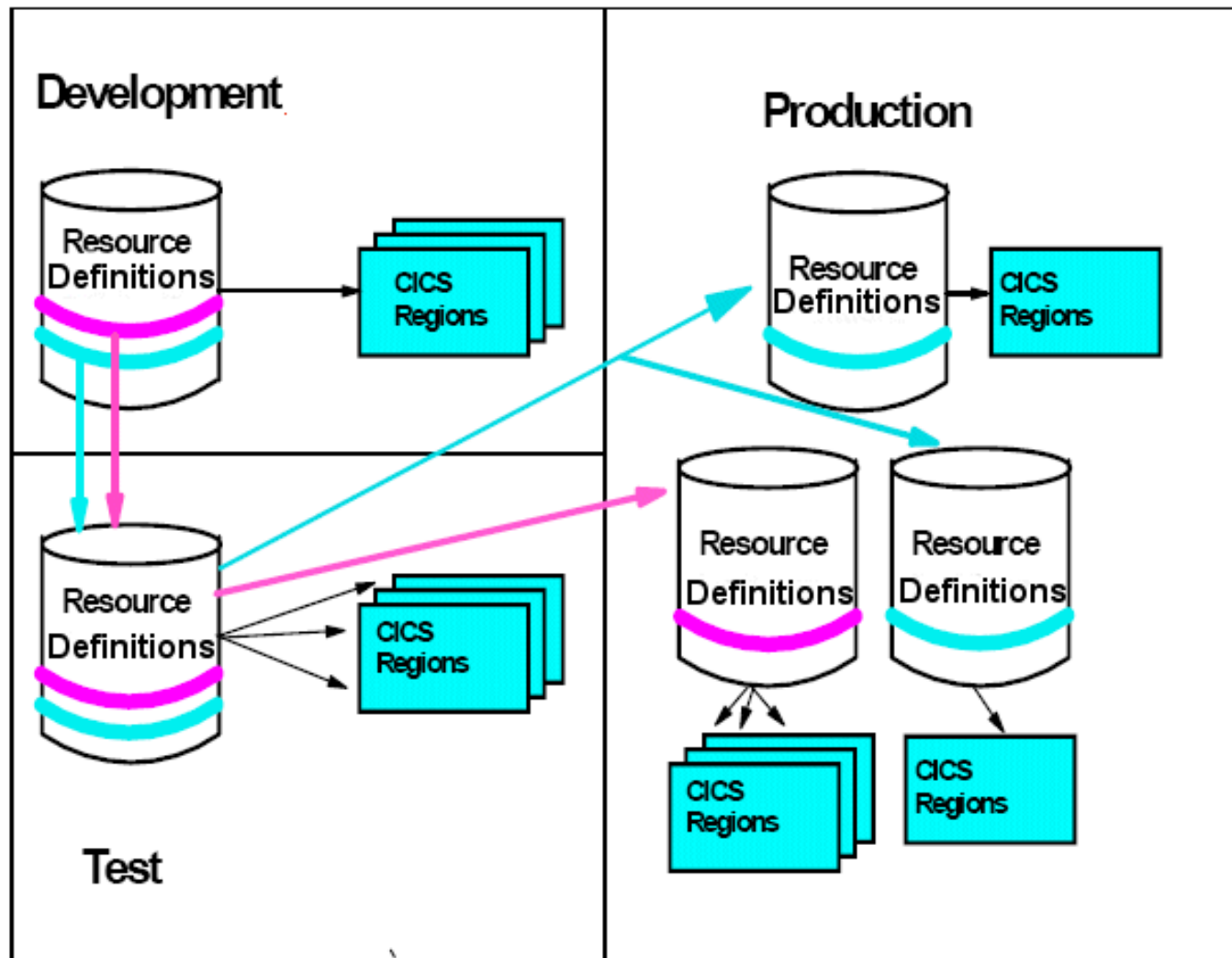
Managing CICS definitions

- 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

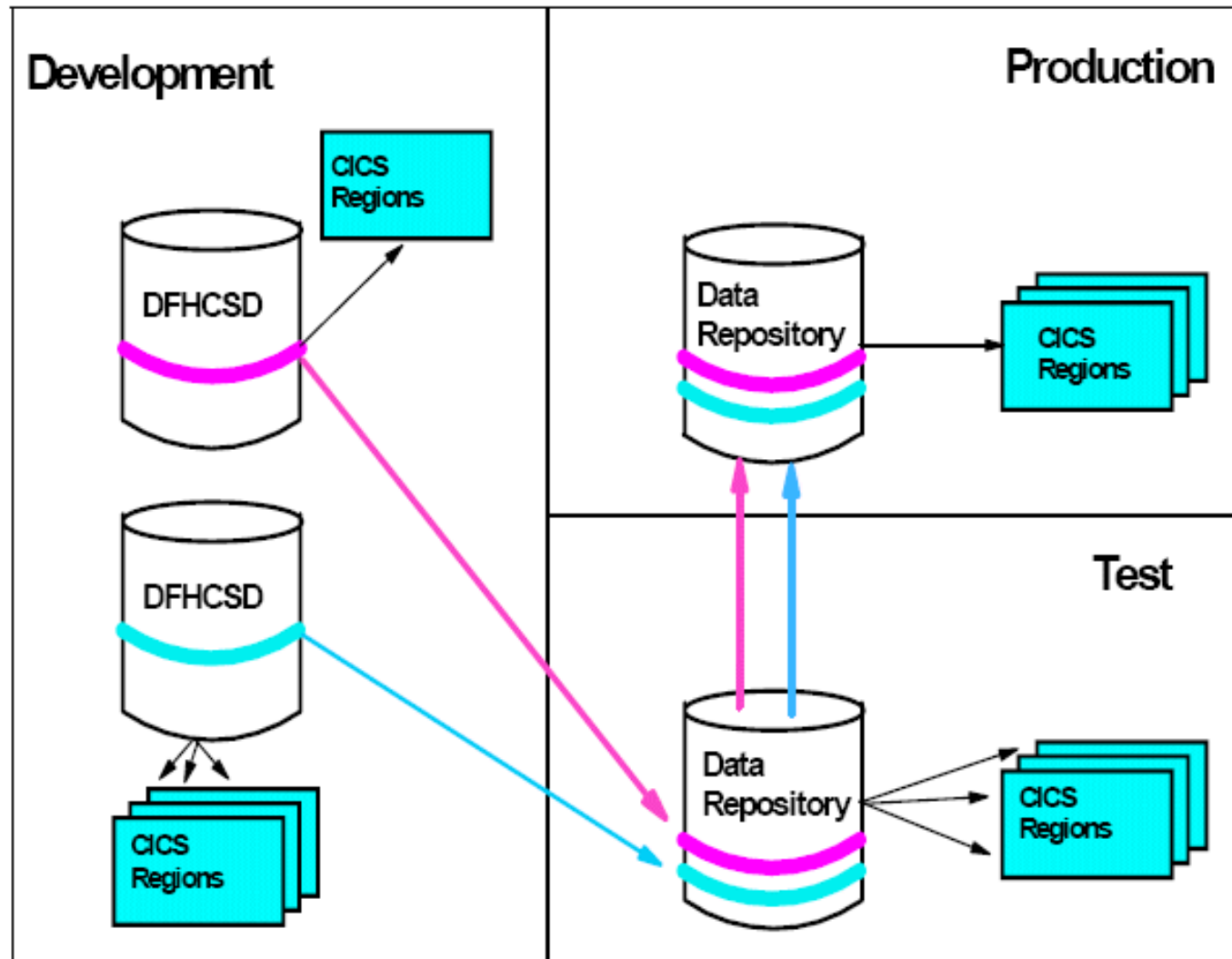
Change Management – Definition lifecycle



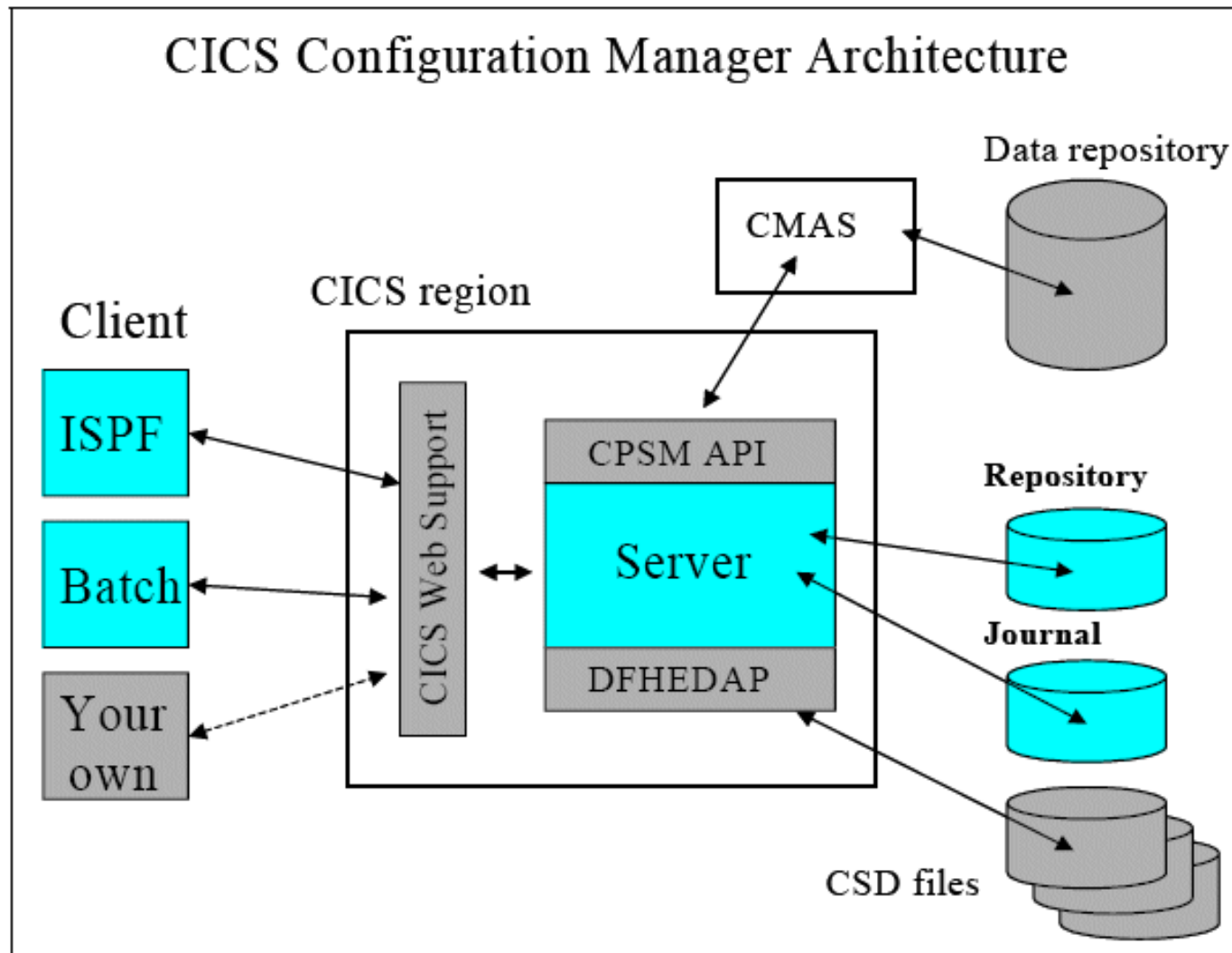
Change Management – Multiple Shared CSDs



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

Starting the ISPF Client

- CCVOREXX exec in the SCCVEXEC dataset:

[illegible]

ISPF Command Shell

Enter TSO or Workstation commands below:

```
====> EX 'CCV.V1R1M0.SCCVEXEC(CCVOREXX)' 'CCV.V1R1M0 ENU'
```

Place cursor on choice and press enter to Retrieve command

```
=> EX 'CCV.VIRIMO.SCCVEXEC(CCVOREXX)' 'CCV.VIRIMO ENU'
```

Primary Menu

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
```

CICS Configuration Manager - Primary Menu

Option ==>

| | |
|------------------|---------------------------------------------------|
| 0 Settings | Set user parameters and options |
| 1 Administer | Administer CICS Configuration Manager definitions |
| 2 CICS Resources | Maintain CICS resource definitions |
| 3 Packages | Process change packages to migrate CICS resources |
| 4 Reports | Reporting views of CICS resource definitions |
| X Exit | Exit CICS Configuration Manager |

Server connection details

| | | |
|------------------|-----------|--------------|
| IP address | | 9.12.4.75 |
| Port number | | 7002 |
| SSL enabled | | NO (NO, YES) |
| SSL keyring name | . . | |
| SSL key database | . . | |

Option 1 - Administration

[illegible]

Administration Menu

Option ==>

- | | |
|-----------------------|----------------------------------------------------|
| 1 System Options | Define system options and features |
| 2 CICS Configurations | Define CICS systems or CICSplex SM Contexts |
| 3 Migration Schemes | Define migration paths between CICS configurations |
| 4 Approval Profiles | Define change package approval profiles |
| 5 Transform Rules | Define migration transformation rules |



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.DFHCSD

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
```

| | Source | Target | | Resource | Resource |
|----------|--------|----------|-------|-------------|----------|
| / Scheme | 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 ==> <u>PAGE</u> | |
| Filter | <u>X*</u> | <u>*</u> | <u>+</u> | <u>*</u> | |
| / | 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

Program
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 Command ==> | | Change Package TESTPKG | | | | Row 1 to 7 of 7 Scroll ==> PAGE | |
|---------------------|----------|------------------------|-------|--------|--------|------------------------------------|--------------|
| Filter * | * | + | MIG* | | DEV | + | |
| / | Name | Type | Group | Prompt | Config | --- | Changed ---- |
| p | ACCUNTD | FILE | MIG2 | | DEV | 2005/08/17 | 15:21 |
| p | PORT3900 | TCPIP SERVICE | 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 | | | | | Row 1 to 7 of 7 |
|-------------------|----------|-------------|----------|--------|------------------|
| Command ===> | | | | | Scroll ===> PAGE |
| Filter * * + MIG2 | | | | | |
| / | Name | Type | ResGroup | Prompt | --- Changed ---- |
| | ACCUNTD | FILE | MIG2 | | 2005/08/17 16:32 |
| | PORT3900 | TCPIP | 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 | | | | | Row 1 to 7 of 7 |
|-------------------|----------|-------------|-------|--------|------------------|
| Command ===> | | | | | Scroll ===> PAGE |
| Filter * * + MIG2 | | | | | |
| / | Name | Type | Group | Prompt | --- Changed ---- |
| | ACCUNTD | FILE | MIG2 | | 2005/08/17 16:32 |
| | PORT3900 | TCPIP | 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
      RULE      TRANSACTION  MIG2      4AAED6DE TEST
```


Option 4.2 Compare Multiple

| | | | | | | |
|---------------------------------|------|-------------|-----------------|--------|------------------------------------|----------|
| Compare Multiple Command ==> | | | CICS Resources | | Row 1 to 2 of 2 Scroll ==> PAGE | |
| Filter RULE | | | TRANSACTION + * | | | |
| / | Name | Type | Group | Prompt | Checksum | Config |
| 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
```

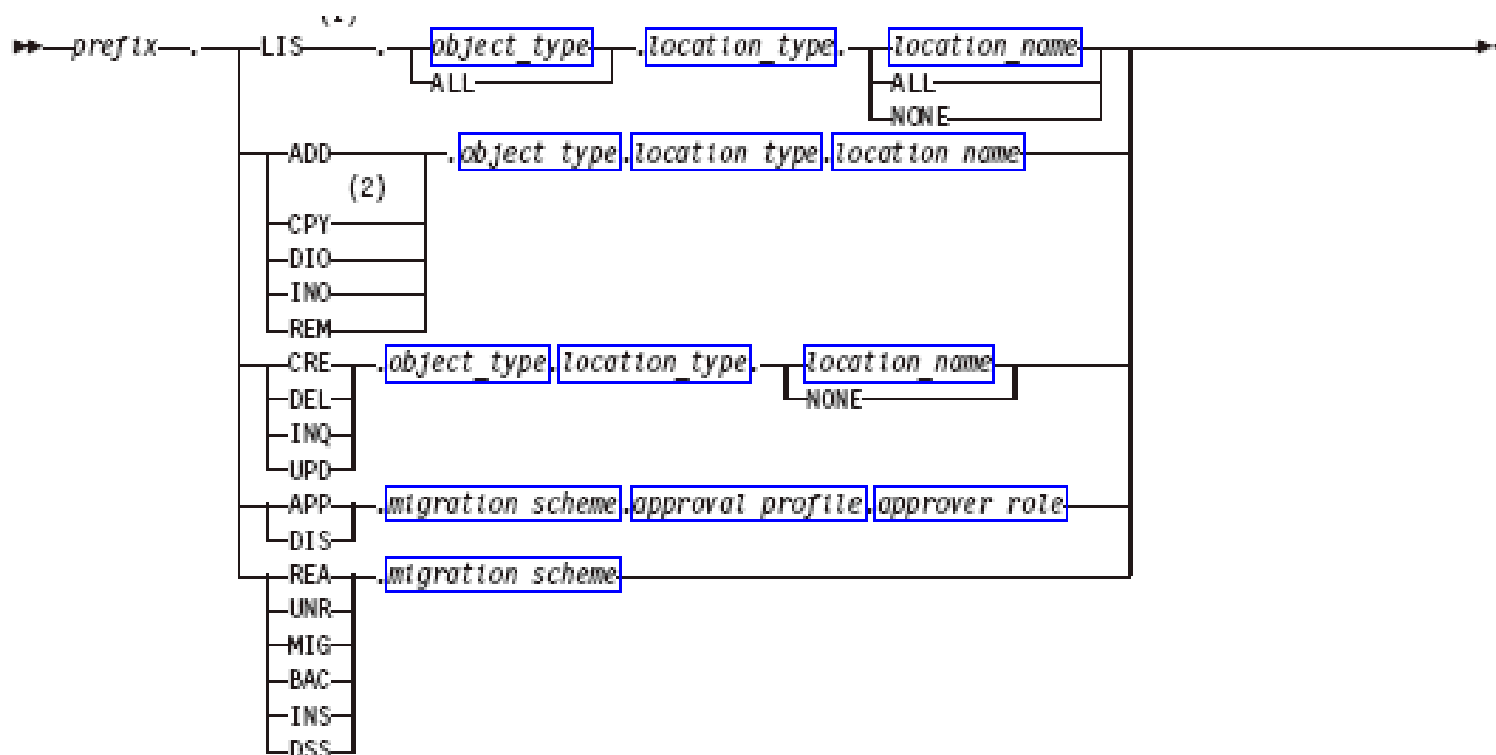
Select a migration for backout and press Enter

| 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 CICS11
 - New function added by APAR PK06987 e.g. ad-hoc Install /Newcopy