

A Smarter Way to Manage and Configure Your IMS Systems

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Fundи Software

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IBM
IMS Tools
for z/OS

The way forward (our agenda today...)



Confronting the fear of change

The issue of **complexity**

The **scale** of the problem

Upgrades and the need for change



Automatic discovery of IMS topologies

What's in my **IMS topology**?

What **IMS systems** are there?

What **IMS Connect** systems?

Which **CSL members**?

What **PROCLIB data sets**?



Parameter editing for an IMSplex

What PROCLIB members are **active**?

How can I **check syntax** of parameters?

How can I **avoid syntax mistakes** in the first place?

There are so many parameters, **what do they all do**?

How can we **track change**?

What can we do if we need to **revert**?



Enterprise-wide management

How can we **view** and **compare** values across systems?

Can we use **IMS commands** to simplify the process?

Can we easily **reveal differences** in configurations?

Can we **export the data** for offline analysis?



A smarter way to manage and configure your IMS Systems
with IMS Configuration Manager



IBM
IMS Tools

The fear of changing an IMS system

- 35 unique IMS PROCLIB data set members (IMS V15)
- 850+ parameters and sub-parameters
- 50+ new or changed parameters in each release of IMS
- Numerous interdependencies, but if we don't change, we may miss out on valuable performance improvements and upgrades..

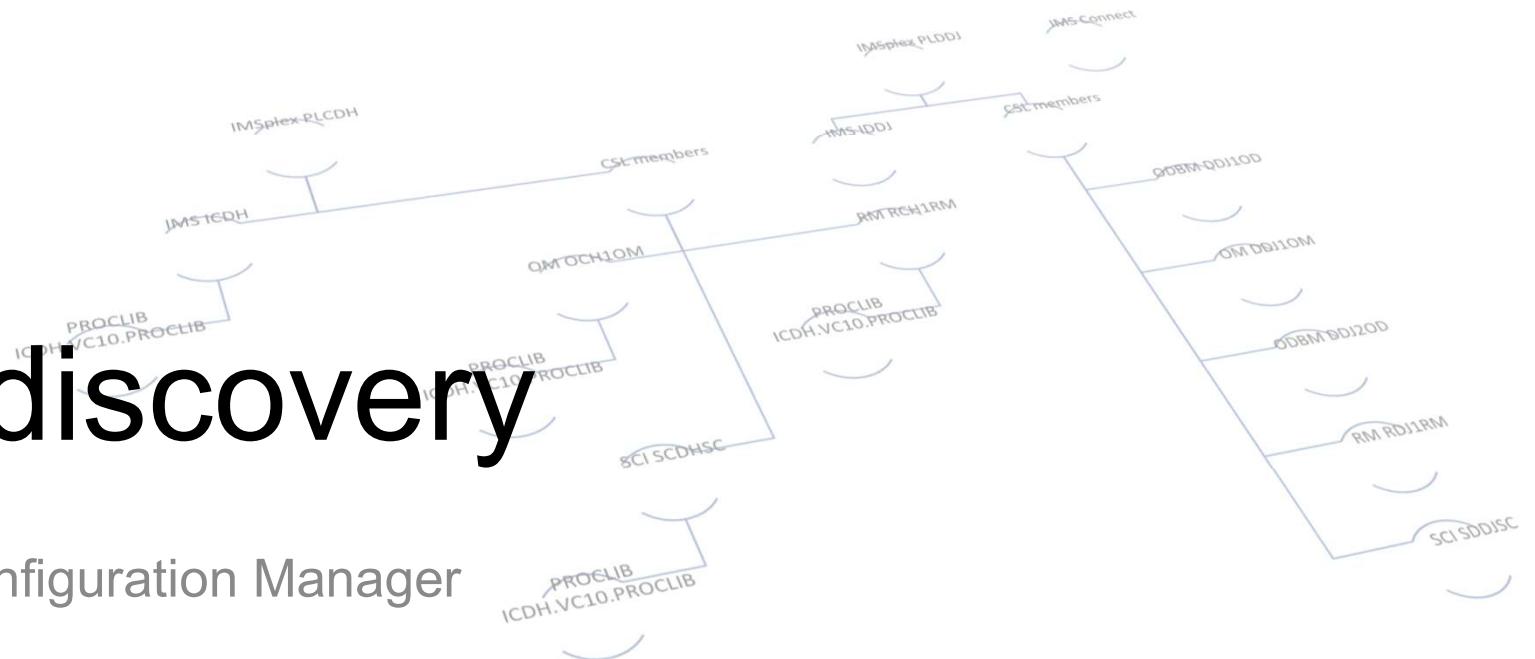
And we are just talking about one system...

...and most of us have more than one!



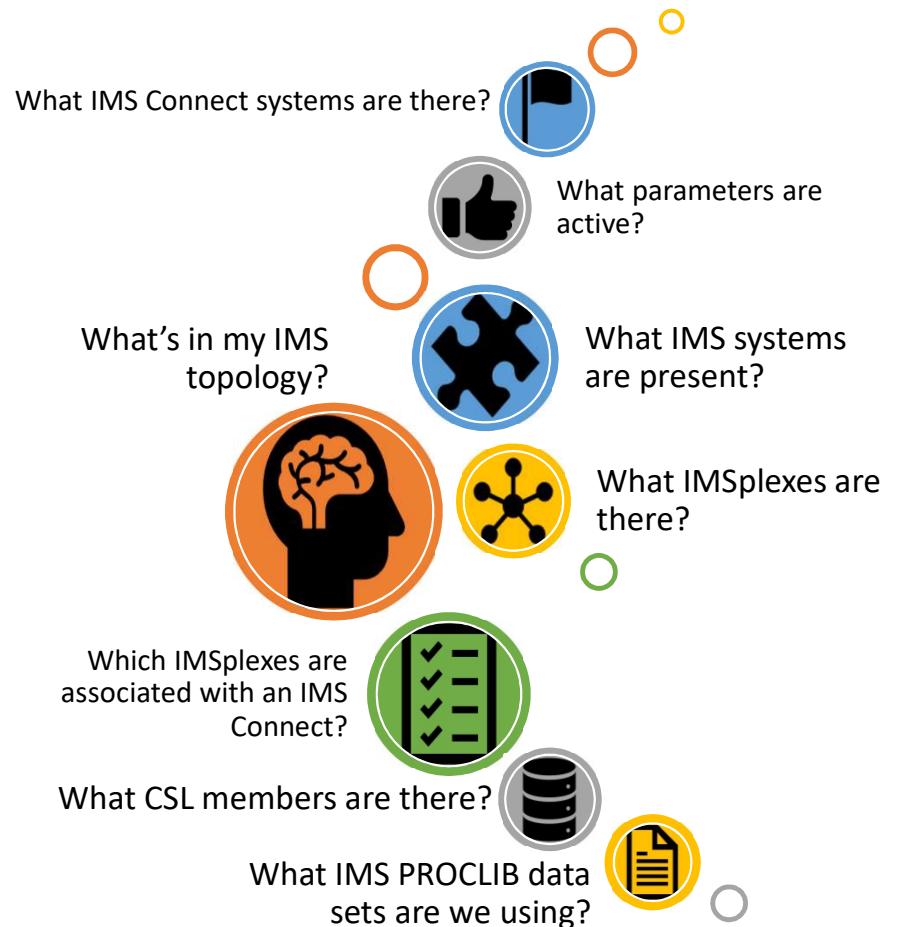
Autodiscovery

with IMS Configuration Manager



Autodiscovery with IMS Configuration Manager

What was once laborious now takes seconds...



Systems view

	Name	Type	IMSprix	VV.R
/	CDQ1SC	SCI	PLCDH	1.5
	DCH10D	ODBM	PLCDH	1.2
	DCJ10D	ODBM	PLCDJ	1.2
	DCJ10M	OM	PLCDJ	1.5
	DCJ20D	ODBM	PLCDJ	1.2
	DDH10M	OM	PLDDH	1.6
	DDJ10D	ODBM	PLDDJ	1.3
	DDJ10M	OM	PLDDJ	1.6
	IBDP	IMS	PLXDP	11.1
	IBDR	IMS	PLBDP	11.1
	ICDH	IMS	PLCDH	12.1
	ICDJ	IMS	PLCDJ	12.1
	ICDP	IMS	PLXDP	12.1
	ICDQ	IMS	PLDDQ	12.1
	ICDR	IMS	PLCDP	12.1
	ICMIC00	IMSCON	+3	12.1
	ICMIC01	IMSCON		12.1
	ICMIC02	IMSCON	PLXDP	13.1

Active params

IMS Active Members											
Command ==>		Row 1 of 25									
IMS System ID . . . : ICDQ		Version (W.R) . . . : 12.1									
Description : PLDDQ											
Search . . .											
Member											
/	Prompt	Lib	Size	Created	-----	Changed ----- ID					
BPECONFIG		1				DDDD					
CQSIPDQ1		2	12	2013/11/13	2013/11/14 16:36:30	DDDD					
CQSSGDQ1		2	31	2013/11/13	2013/11/18 15:59:13	DDDD					
CQSSLDQ1		2	20	2013/11/13	2013/11/18 15:59:06	DDDD					
DBFMSDBC		1									
DFSCGDQ1		1	14	2013/11/12	2013/11/12 14:13:36	DDDD					
DFSDC000											
DFSDFPLO		1	24	2012/08/15	2012/08/15 08:51:06	NME1					
DFSDRFDC		1									
DFSDSCM0		1									
DFSDSCT0		1									
DFSFDR_											
...											

Row 1 of 25
Scroll ==> PAGE

VIEW IMS System PROCLIB Parameters

Command ==> Row 1 to 2 of 2

Scroll ==> PAGE

```
IMS ID . . . . : ICDQ Version . . . 12.1 +
Description . . . .
IMSprix . . . . : PLDDQ +
RGSUF . . . . . DQ1 (DFSPB member suffix)
DFSPB JCL overrides . AUTO=N
CQSINIT . . . . . DQ1 (CQSIP member suffix)
CQSIP JCL overrides .
BPECFG . . . . . BPECONFIG (BPE configuration member name)
DSPBI . . . . . DQ1 (DSPBI member suffix)
Control Region Type . 1 1. DB/DC 2. DBCTL 3. DCCTL
/ PROLIB Data Set
  'ICDQ.VC10.PROLIB'
  'IDQ.VD10.PROLIB'
```

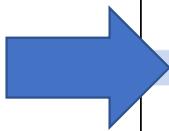
Param info

```
EDIT      ICDQ.VC10.PROCLIB(BPECONFIG) - 01.00
Command ==> Columns
Check Validate the member syntax
Model Insert a new parameter with syntax assistance
Help Press F1 to request parameter sensitive help
***** **** Top of Data ****
000001 * -----
000002 * CONFIGURATION FILE FOR BPE WITH CQS, OM, RM, SCI - BPECONFIG *
000003 * -----
000004 LANG=ENU                                     /* LANGUAGE FOR MESSAGES */
000005                                         /* ENU = U.S. ENGLISH) */ */
000006 #
000007 # DEFINITIONS FOR BPE SYSTEM TRACES
000008 #
000009 TRCLEV=(*,LOW,BPE)                         /* DEFAULT ALL TRACES TO LOW */
000010 # NOTE: KEEP THE FOLLOWING FOR COMPATIBILITY WITH 6.1 BPE
000011 TRCLEV=(STG,LOW,BPE)                         /* STORAGE TRACE */
000012 TRCLEV=(CBS,LOW,BPE)                         /* CONTROL BLK SRVCS TRACE */
000013 TRCLEV=(DISP,LOW,BPE)                        /* DISPATCHER TRACE */
000014 TRCLEV=(AWE,LOW,BPE)                         /* AWE SERVER TRACE */
000015 TRCLEV=(LATC,LOW,BPE)                        /* LATCH TRACE */
000016 TRCLEV=(SSRV,LOW,BPE)                        /* SYSTEM SERVICES TRACE */
...
...
```

Columns
Scrol

Smart editor

Running autodiscovery (ISPF method)



IMS Configuration Manager 2.3 - Primary Option Menu

Option ===> _____

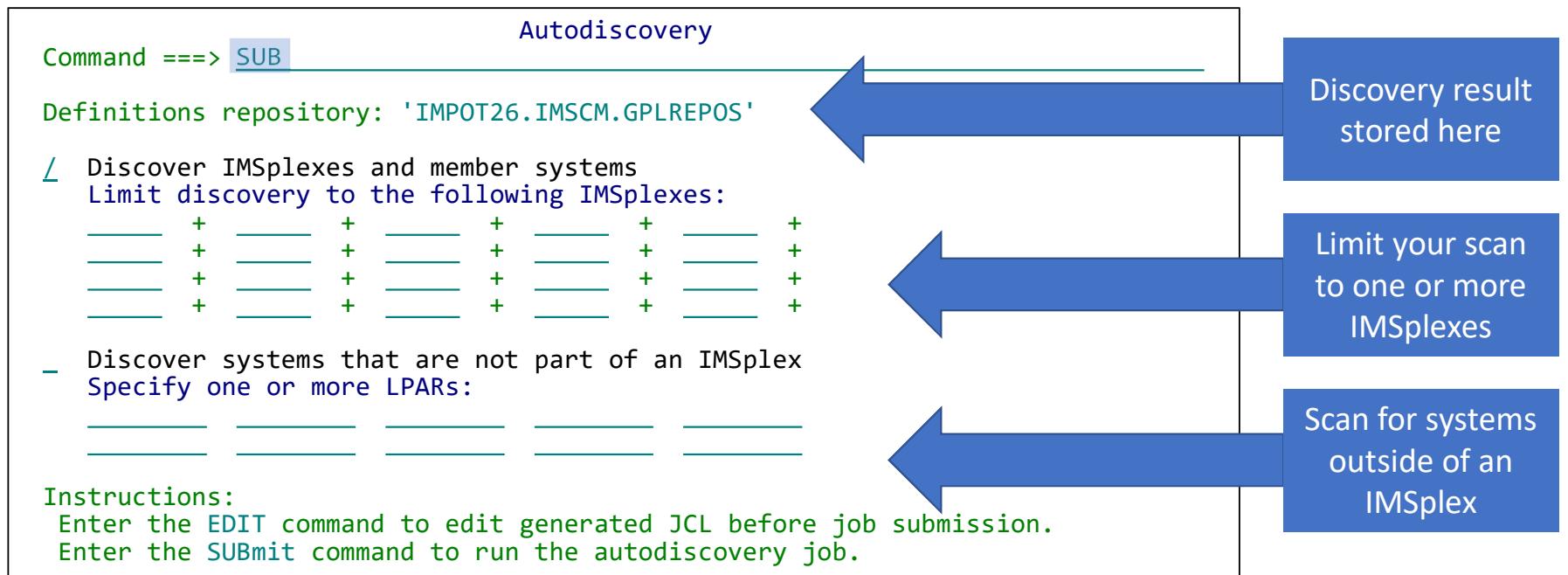
0 Profile Customize your IMS Configuration Manager profile
1 IMSplices Maintain IMS parameters across an IMSplice
2 Systems Maintain IMS parameters for a system
3 PROCLIBs Maintain IMS PROCLIB data sets
4 Discovery Run the autodiscovery utility

X Exit Exit IMS Configuration Manager

Environment:
Definitions Repository '[IMPOTx.x.IMSCM.GPLREPOS](#)'

You can also run this in
batch or as part of the
Common Service
Library server startup...

Running autodiscovery (ISPF method)



Autodiscovery batch

```
VIEW      IMPOTxx.IMSCM.JCL(DISCOVRY) - 01.00          Columns 00001 00072
Command ===>                                         Scroll ===> PAGE
***** **** Top of Data ****
000001 //DSCVRYxx JOB , 'CSL Server',CLASS=X,MSGCLASS=X,MSGLEVEL=(1,1),
000002 //           NOTIFY=&SYSUID
000003 /*JOBPARM SYSAFF=FTSD
000004 /*
000005 /*  IMS Configuration Manager - System Auto-discovery
000006 /*
000007 //GPLUTIL EXEC PGM=GPLUTIL
000008 //STEPLIB  DD  DISP=SHR,DSN=<GPL.SGPLLINK>
000009 //           DD  DISP=SHR,DSN=<IMS.SDFSRESL>
000010 //SYSIN    DD  *
000011 *
000012 DISCOVER MBRTYPE(ALL) +
000013           TO(REPOSITORY,GPLREPOS)
000014 /*
000015 //GPLREPOS DD  DISP=SHR,
000016 //           DSN=<MY.GPLDEFS>
000017 //SYSPRINT DD  SYSOUT=*
***** **** Bottom of Data ****
```

Discovery processing log

```

GPL7324I Autodiscovery for repository TESTREPO starting...
:
GPL7001I Discovered IMSplex PLXZZ
:
GPL7001I Processing IMSplex PLXZZ
GPL7002I Discovered ODBM JOB PLXZZOD1, XCF member DDQ10D in IMSplex
PLXZZ on ABC1
GPL7008I PARM = BPECFG=BPECONFIG,BPEINIT=CSLDINI0,ODBMINIT=DQ1,ARMRST=Y
GPL7009I STEPLIB = IDDQ.VD10.SDFSRESL
GPL7009I = IMS.V13.SDFSRESL
GPL7009I PROCLIB = IDDQ.VD10.PROCLIB
GPL7046I ODBM JOB PLXZZOD1 selected for further processing
:
GPL7001I Processing IMSplex PLYYY
GPL7036I CSLSCREG command error. RC=01000010 RSN=00004000
GPL7037I IMSplex Register failed: the SCI is not active
GPL7001I Skipping IMSplex PLYYY
:
GPL7058I Searching for CQS connections to IMS systems
GPL7017I Reading IMS Proclib member DFSSQPS3 for IMS job IAAACTL
GPL7062I IMS system IAAA is searching for a CQS using CQSSN=CDU3
GPL7057I To discover the CQSSN CDU3 connected to IMS IAAA,
autodiscovery must be run on ABC3
:
GPL7011I Searching for IMSCON jobs in XCF group XCFGGPL1 which is
associated with IMS system IBBB...
GPL7012I Discovered IMSCON, job ICMIC04, XCF member ICMI4DS1 in XCF
group XCFGGPL1
GPL7008I PARM = BPECFG=BPECFG1N,HWSCFG=HWSCFG04
GPL7009I STEPLIB = CEX000.SAMPLE.DUMMY.SCELINK
GPL7009I = IMS.V13.SDFSRESL.EXITS
GPL7009I = IMS.V13.SDFSRESL GPL7009I PROCLIB =
GPL000.SAMPLE.HWS.PROCLIB
GPL7017I Reading IMS Proclib member HWSCFG04 for IMSCON job ICMIC04
GPL7035I IMSCON job ICMIC04, XCF member ICMI4DS1 is not connected to
any IMS system discovered - Skipping...
:

```

Final result

MBRTYPE	Discovered	Added	Updated	No change	Skipped	Error
PLEX	13	1	0	2	0	10
IMS	4	0	4	0	0	0
IMSCON	12	1	10	0	1	0
ODBM	3	3	0	0	0	0
REPO	3	3	0	0	0	0
OM	5	5	0	0	0	0
RM	4	4	0	0	0	0
SCI	5	5	0	0	0	0
TOTALS	51	22	18	2	1	10

GPL7325I Autodiscovery successful for repository TESTREPO
 GPL7317I SCI is not active for IMSplex PLODH GPL7317I SCI is not active for IMSplex PLODJ
 GPL7317I SCI is not active for IMSplex PLIDH GPL7317I SCI is not active for IMSplex PLIDJ
 GPL7317I SCI is not active for IMSplex PLXXH GPL7317I SCI is not active for IMSplex PLXXJ
 GPL7317I SCI is not active for IMSplex PLXXQ GPL7308I IMS Configuration Manager product initialized

Two interfaces – two purposes

IMS Configuration Manager 2.3 - Primary Option Menu

Option ===> _____

0 Profile	Customize your IMS Configuration Manager profile
1 IMSplexes	Maintain IMS parameters across an IMSplex
2 Systems	Maintain IMS parameters for a system
3 PROCLIBs	Maintain IMS PROCLIB data sets
4 Discovery	Run the autodiscovery utility
X Exit	Exit IMS Configuration Manager

Environment:
Definitions Repository 'GPI'

Source	IMSprix	SystemName	MemberName	ParmSource	ALOT	AOIS	AOI1	APPLID1	APPC	APPSCSE	ARC	ARMRST	ASOT	AUTO	BSIZ	CMDMCS
1	PLBDP	IBDR	DFSPBPLP	INEFFECT							01			N	02048	
1	PLCDH	ICDH	DFSPBHWS	INEFFECT	60		N		ICDHEVT1		01	N	60	N	02048	
1	PLCDP	ICDR	DFSPBPLP	INEFFECT	1440	N	N		CCDR		1		1440		Y	
1	PLDDH	IDDH	DFSPBHWS	INEFFECT	60		N				01	N	60	N	02048	
1	PLDDQ	ICDQ	DFSPBDQ1	INEFFECT	60		N		ICDQEVT1		01	N	60	N	02048	
1	PLDDQ	IDDQ	DFSPBDQ1	INEFFECT	60		N				01	N	60	N	02048	
1	PLXDH	IBDH	DFSPBHWS	INEFFECT	60		N		IBDHEVT1		01	N	60	N	02048	
1	PLXDP	IBDP	DFSPBPLP	INEFFECT	60	S	N		IBDPEVT1		01	Y	60	N	02048	
1	PLXDP	ICDP	DFSPBPLP	INEFFECT	60	S	N		ICDPEVT1	N	F	1	60	N	2048	
1	PLXDP	IDDP	DFSPBPLP	INEFFECT	60	S	N			01	N	60	N	02048		
1	PLXNU	IADP	DFSPBPLP	INEFFECT	60	S	N		IADPEVT1		01		60	N	02048	
1	IPABX	ABS0	DFSPB00M	INEFFECT		R	R		IMABIMS0	Y				N	R	
1	IPABX	ABS1	DFSPB01M	INEFFECT		R	R		IMABIMS1	Y	01			N	R	
1	IPABX	ABS2	DFSPB02M	INEFFECT		R	R		IMABIMS2	Y	01			N	R	
1	IPABX	ABS3	DFSPB03M	INEFFECT		R	R		IMABIMS3	Y	01			N	R	

1 of 25

Parameters DFSPB

A smarter way to manage and configure your IMS Systems
with IMS Configuration Manager



Editing parameters

with the IMS Configuration Manager ISPF dialog

Editing IMS parameters in ISPF

Finding parameters:

- Issue line action P against an IMSplex (POM 1)
 - View all active parameter members for the IMSplex
- Issue line action P against a system (POM 2)
 - View active parameter members for the system
- Browse by PROCLIB data set (POM 3)
 - Create a list of PROCLIB data sets

View/editing parameters

- Check the syntax of a member (CHECK)
- Insert a model/template for a new parameter (MODEL)
- Describe the function of a parameter ((HELP))

View history of changes

- Who changed what?
- Revert when things go wrong

Viewing active parameters by IMSplex

IMS Configuration Manager 2.3 - Primary Option Menu

Option ===> IMSplex

0 Profile Customize your IMS Configuration Manager profile
1 IMSplexes Maintain IMS parameters across an IMSplex
2 Systems Maintain IMS parameters for a system
3 PROCLIBs Maintain IMS PROCLIB
4 Discovery Run the autodiscovery

X Exit Exit IMS Configuration

Environment:
Definitions Repository 'GPL999.'

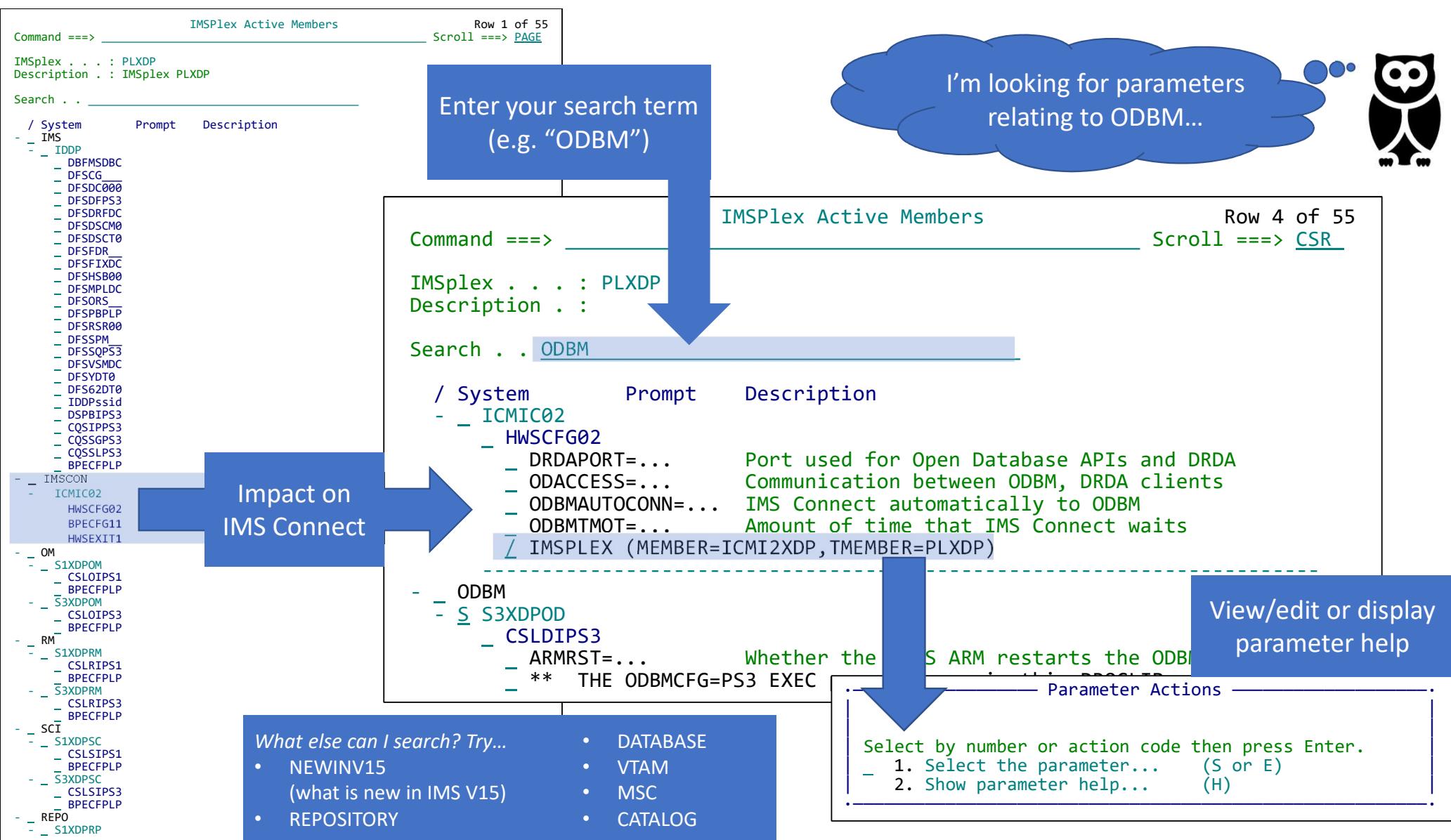
Command ===> IMSplex

Enter NEW to create a new IMSplex

Row 1 to 11 of 11
Scroll ===> PAGE

/	IMSplice	Description	Changed	ID
	*	*	=*	*
	PLBDP		2014-01-08 13.52.00	DISCOVER
	PLCDH		2014-01-09 11.23.13	DISCOVER
	PLCDJ		2014-01-09 11.23.13	DISCOVER
	PLCDP		2014-01-08 13.52.00	DISCOVER
	PLDDH		2014-01-09 11.23.13	DISCOVER
	PLDDJ		2014-01-09 11.23.13	DISCOVER
	PLDDQ		2014-01-08 13.52.00	DISCOVER
	PLXDH		2014-01-09 11.23.13	DISCOVER
P	PLXDP	IMSplex PLXDP	2014-01-08 13.52.00	DISCOVER
	PLXNU		2014-01-08 13.52.00	DISCOVER

***** Bottom of data *****



What does that parameter do?

IMSPlex Active Members

Command ==> _____ Row 4 of 55

Scroll ==> [CSR](#)

IMSprix . . . : PLXDP

Description . . :

Search . . [ODBM](#)

/ System	Prompt	Description
- ODBM		
- S3XDPOD		
- CSLDIPS3		
H ARMRST=...		Whether the z/OS ARM restarts the ODBM
** THE ODBMCFG=PS3 EXEC parameter or this PROCLIB member		

A

Help - ARMRST (CSLDIxXX)

ARMRST=

Specifies whether the z/OS Automatic Restart Manager (ARM) is to be used to restart the ODBM address space after an abend. If you specify Y (yes), ARM restarts the ODBM address space after most system failures. If you specify N (no), ARM does not restart the ODBM address space after any system failure.

ARM does not restart the ODBM address space if ODBM abends before restart is complete. For more information on ARM, see Using z/OS Automatic Restart Manager in IMS Version 11 System Administration.

Note: The CSLDIxxx member was introduced in IMS Version 11.

Faster than
searching
the manual...

16

IMSplex Active Members

Row 4 of 55

Command ===> _____

Scroll ===> CSR

IMSprix . . . : PLXDP

Description . . :

Search . . ODBM

/ System	Prompt	Description
- - S3XDPOD		
- - E CSLDIPS3		
- - ARMRST=..		
- - ** THE O	G=PS3	E

L *Where*

EDIT PLXDP.PROCLIB(CSLDIPS3) - 01.04

Command ===> _____

Columns 00001 00072

Scroll ===> CSR

CHECK Validate the member syntax

MODEL Insert a new parameter with syntax assistance

HELP Press F1 to request parameter sensitive help

***** **** Top of Data *****

```

000001 ****
000002 ** This PROCLIB member is specified by the ODBMINIT=PS3 *
000003 ** value on the ODBM start up procedure. *
000004 **
000005 ** Parameters specified here are used for ODBM initialization. *
000006 **
000007 ** ODBM configuration parameters are specified in the *
000008 ** CSLDCPS3 PROCLIB member which can be specified by either *
000009 ** THE ODBMCFG=PS3 EXEC parameter or in this PROCLIB member *
000010 ** ON THE ODBMCFG=PS3 parameter. *
000011 **
000012 ****
000013 ODBMNAME=S3XDP
000014 IMSPLEX(NAME=PLXDP)
000015 ODBMCFG=PS3
000016 RRS=Y
***** **** Bottom of Data ****

```

Let's open it
for editing...



Adding new parameters using a model (MODEL)

EDIT PLXDP.PROCLIB(CSLDIPS3) - 01.04

Command ==> MODEL

CHECK Validate the member syntax

MODEL Insert a new parameter with syntax assistance

HELP Press F1 to request parameter sensitive help

***** **** Top of Data *****

000001 *****

000002 ** This PROCLIB member is specified by the ODBMINI

000003 ** value on the ODBM start up procedure.

000004 **

000005 ** Parameters specified here are used for ODBM ini

000006 **

000007 ** ODBM configuration parameters are specified in t

000008 ** CSLDCPS3 PROCLIB member which can be specified

000009 ** THE ODBMCFG=PS3 EXEC pa

000010 ** ON THE ODBMCFG=PS3 para

000011 **

000012 *****

000013 ODBMNAME=S3XDP

000014 IMSPLEX(NAME=PLXDP)

000015 ODBMCFG=PS3

00001A RRS=Y

Columns 00001 00072

Scroll ==> CSR

S3 *

*

*

*

*

*

*

*

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*

Select a parameter

What
parameters
can I specify
here?



Select a parameter		
Row 1 to 6 of 6		
Command ==> _____		
Select one or more parameters then press EXIT.		
.	Parameter	Description
.	ARMRST	Whether the z/OS ARM restarts the ODBM
.	IMSPLEX	Specifies definitions for the IMSplex
.	* LOGOPT	Specifies the level of logging
.	ODBMCFG	Specifies ODBM configuration member suffix
S	ODBMNAME	The name of the ODBM address space
.	RRS	ODBM to use Resource Recovery Services (RRS)?
***** Bottom of data *****		

A

Adding new parameters using a model (MODEL)

```
EDIT      PLXDP.PROCLIB(CSLDIPS3) - 01.05          Columns 00001 00072
Command ==> _____                                Scroll ==> PAGE
CHECK    Validate the member syntax
MODEL   Insert a new parameter with syntax assistance
HELP    Press F1 to request parameter sensitive help
*****  ***** Top of Data *****
000001 ****
000002 ** This PROCLIB member is specified by the ODBMINIT=PS3      *
000003 ** value on the ODBM start up procedure.                      *
000004 **
000005 ** Parameters specified here are used for ODBM initialization.  *
000006 **
000007 ** ODBM configuration parameters are specified in the           *
000008 ** CSLDCPS3 PROCLIB member which can be specified by either       *
000009 ** THE ODBMCFG=PS3 EXEC parameter or in this PROCLIB member       *
000010 ** ON THE ODBMCFG=PS3 parameter.                                     *
000011 **
000012 ****
000013 ODBMNAME=S3XDP
000014 IMSPLEX(NAME=PLXDP)
000015 ODBMCFG=PS3
000016 RRS=Y
000017 ODBMNAME=_____
=NOTE= ODBMNAME - The name of the ODBM address space
*****  ***** Bottom of Data *****
```

Ready to fill in...

Syntax checker (CHECK)

Run CHECK

```
EDIT      PLXDP.PROCLIB(CSLDIPS3) - 01.05          Columns 00001 00072
Command ==> CHECK                                Scroll ==> PAGE
Member has 2 issues. Position cursor and press F1 to help fix the problem.
MODEL   Insert a new parameter with syntax assistance
HELP    Press F1 to request parameter sensitive help
***** **** Top of Data ****
000001 ****
000002 ** This PROCLIB member is specified by the ODBMINIT=PS3 *
000003 ** value on the ODBM start up procedure. *
000004 **
000005 ** Parameters specified here are used for ODBM initialization. *
000006 **
000007 ** ODBM configuration parameters are specified in the *
000008 ** CSLDCPS3 PROCLIB member which can be specified by either *
000009 ** THE ODBMCFG=PS3 EXEC parameter or in this PROCLIB member *
000010 ** ON THE ODBMCFG=PS3 parameter. *
000011 **
000012 ****
000013 ODBMNAME=S3XDP
000014 IMSPLEX(NAME=PLXDP)
000015 ODBMCFG=PS3
000016 RRS=Y
000017 ODBMNAME=THISNAMEISTOOLOONG
===== +.....+
==MSG> Duplicate parameter: ODBMNAME
==MSG> Value too long: THISNAMEISTOOLOONG
***** **** Bottom of Data ****
```

Two errors:

1. ODBMNAME is already defined!
2. The name we have selected is too long.

Syntax checker marks the positions of the errors



More complex example with MODEL

```
EDIT      GPL000.QAAUTO.HWS.PROCLIB(HWSCFG02) - 01.08      Columns 00001 00072
Command ===> _____
CHECK    Validate the member syntax
MODEL   Insert a new parameter with syntax assistance
HELP    Press F1 to request parameter sensitive help
000032  ODACCESS(
000033    DRDAPORT=(ID=_____,KEEPAV=0,PORTTMOT=18000),
000034    IMSPLEX=(MEMBER=_____,T MEMBER=_____),  
          _____,
000035    ODBMAUTOCONN=_,
000036    ODBMTMOT=18000)
=NOTE= DRDAPORT - Port used for Open Database APIs and DRDA
=NOTE= ID      - The port number
=NOTE=        1-65535
=NOTE= KEEPAV  - The interval for keep alive mechanism
=NOTE=        0-2147460 Default 0
=NOTE= PORTTMOT- Time that IMS Connect waits
=NOTE= IMSPLEX - IMSplex
=NOTE= MEMBER   - XCF member name that identifies IMS Connect
=NOTE= T MEMBER - Target XCF member name
=NOTE= ODBMAUTOCONN - IMS Connect automatically to ODBM
=NOTE= ODBMTMOT - Amount of time that IMS Connect waits
```

Parameter(s)

The meaning of each sub-parameter

Debugging a complex parameter member using CHECK...

Cross-parameter validation...



```
EDIT      NEW.PROC13(HWSCFG03) - 01.02
Command ==> _____ Columns 00001 00072
CHECK   Validate the member syntax
MODEL   Insert a new parameter with syntax assistance
HELP    Press F1 to request parameter sensitive help
***** **** Top of Data ****
000001 HWS(ID=X)
000002 TCPIP(HOSTNAME=TCPD,
000003 SSLPORT=101,
000004 PORT=(ID=101),PORT=(ID=102),
=====
000005 PORTID=(101,2,3,4,5,6,7,8,9,10,
=====
000006     11,12,13,14,15,16,17,18,19,20,
000007     21,22,23,24,25,26,27,28,29,30,
000008     31,32,33,34,35,36,37,38,39,40,
000009     41,42,43,44,45,46,47,48,49,50,
=====
000010     51,52))
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Getting help whilst viewing a member (HELP)

Help - ODACCESS (HWSCFGxx)

ODACCESS(...)
Defines characteristics of the communication between ODBM, DFH and other components such as the Open Database APIs, and IMS Connect

Defines parameters required to register with the CSL Open Data Manager (ODBM). IMS Connect must register with ODBM to enable IMS DB for use. ODBM can register with only one ODBC connection at a time.

DRDAPORT Port used for DRDA connections

IMSPLEX The IMSPLEX member

ODBMAUTOCO Whether ODBM automatically connects to the IMS DB

More: +

Help - RRS (CSLDIxXX)

RRS=

An optional keyword that specifies both whether ODBM uses Recovery Services (RRS) and whether ODBM uses the ODBC interface or the database resource adapter (ODBA) interface for communications with IMS DB. The default value is Y.

If you specify Y, ODBM uses RRS and the ODBC driver registers with RRMS during initialization, ODBM connects to the IMS DB and suspends initialization until the operator issues a CCTL command.

If you specify N, ODBM does not use RRS and uses the ODBC interface for communications with IMS DB. When RRS=N is specified, ODBM connects to the IMS DB in a similar manner as a CCTL.

For more information, see ODBM and RRS in IMS DB Administration.

Note: The CSLDIxxx member was introduced in IMS Version 11.

Help - <SECTION=GLOBAL_DATASTORE_CONFIGURATION> (CSLDCxxx)

<SECTION=GLOBAL_DATASTORE_CONFIGURATION>

Required header for the global section of the CSLDCxxx PROCLIB member. The global parameters define the default values on all data store connections defined in the CSLDCxxx member.

Some parameters can be specified only as global defaults:

IDRETRY	Number of times that ODBM attempts to connect to the IMS DB
TIMER	Seconds ODBM waits between connection attempts

Some parameters can be specified in the local section as an instance-specific parameter:

MAXTHRDS	Maximum number of concurrent connections
MINTHRDS	Minimum number of concurrent connections
FPBUF	Number of Fast Path buffers
FPBOF	Number of Fast Path buffer offsets
CNBA	Total number of Fast Path buffers
SODA	Output class for SNAP data

Take the guesswork out of making changes and learn more about IMS configuration at the same time...



Viewing active parameters by IMS



```
IMS Configuration Manager 2.3 - Primary Option Menu
Option ===> _____
0 Profile      Customize your IMS Configuration Manager profile
1 IMSplices    Maintain IMS parameters across an IMSplice
2 Systems      Maintain IMS parameters for a system
3 PROCLIBs     Maintain IMS PROCLIB data sets
4 Discovery    Run the autodiscovery utility
X Exit         Exit IMS Configuration Manager

Environment:
Definitions Repository 'GPL999.REPOSTRY.VGPL3504' +
```



System Member List						Row 23 of 67 More: <>
Command ===> _____						Scroll ===> PAGE
Enter NEW to create a new Member						
/	Name *	Type *	IMSplice *	VV.R *	Description *	
	ICMIC00	IMSCON	+2	12.1		
	ICMIC01	IMSCON		12.1		
	ICMIC02	IMSCON	PLXDP	13.1		
	ICONCDQ2	IMSCON	PLDDQ	12.1		
	ICONDDQ1	IMSCON		13.1		
	IDDH	IMS	PLDDH	13.1		
	IDDJ	IMS	PLDDJ	13.1		
P	IDDP	IMS	PLXDP	13.1		
	IDDQ	IMS	PLDDQ	13.1		

Viewing active
parameters for an
IMS system
(line action P)





IMS Active Members									
				Row 1 of 25 Scroll ==> PAGE					
IMS System ID . . . : IDDP Version (W.R) . . : 13.1									
Description . . . : Test system									
IMSprix : PLXDP									
Search . . .									
Member									
/	Prompt	Lib	Size	Created	----- Changed -----	ID			
-	BPECFPLP		1	42	2011/08/15	2014/03/03 07:29:09 NXU			
-	CQSIIPPS3		1	12	2011/12/01	2014/04/08 10:41:53 NXU			
-	CQSSGPS3		1	30	2011/12/01	2014/06/30 10:28:37 NXU			
-	CQSSLPS3		1	20	2011/12/01	2014/06/30 10:29:01 NXU			
-	DBFMSDBC		1						
-	DFSCG								
-	DFSDC000		2	2	2013/07/03				
-	DFSDFPS3		1	32	2014/08/25				
-	DFSDRFDC		2						
-	DFSDSCM0		2	112	2014/01/20				
-	DFSDSCT0		2						
-	DFSFDR								
/	DFSFIXDC		1						
-	DFSHSB00								
-	DFSMPLDC		2						
-	DFSORS								
-	DFSPBPLP		2	90	2013/03/29				
-	DFSRSR00		1						
-	DFSSPM								
-	DFSSQPS3		2	5	2011/12/02				
-	DFSVSMDC		2						
-	DFSYDT0								
-	DFS62DT0								
-	DSPBIPPS3		1	1	2014/01/21 2014/01/21 06:36:30	NXU2			
IDDPssid									
End									

Viewing active parameters for an IMS system (line action P)

Member List Actions

Select by number or action code then press Enter.

- 1. Edit member... (E)
- 2. View member... (V)
- 3. Delete member (D)
- 4. History of member... (H)

Line action S is the default edit or view action.

Parameter change history

If something goes wrong, you can revert to the previous version...



```
Member History          To 7 of 7
Command ===>                         Scroll ==> PAGE

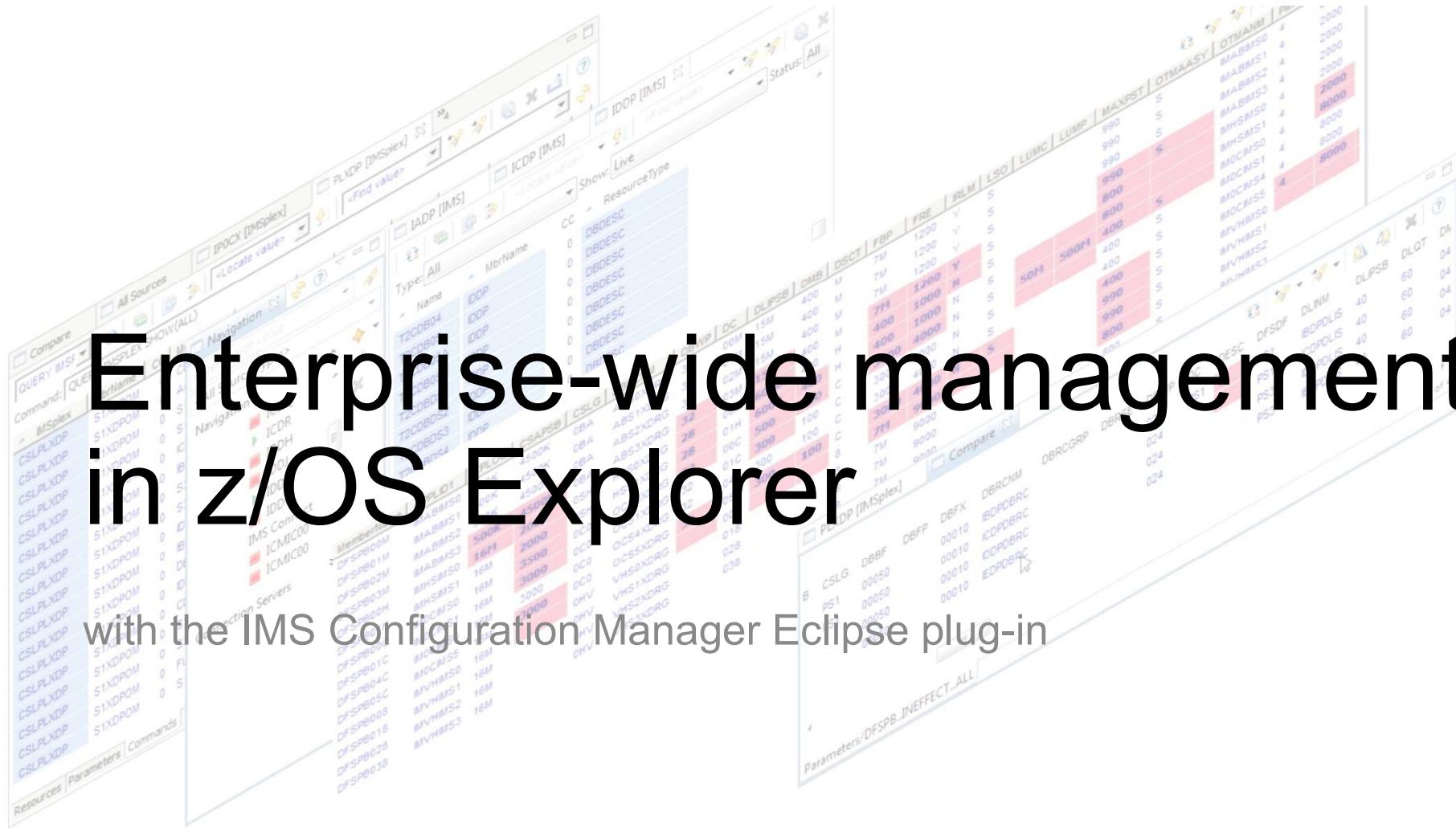
PROCLIB . . : MY.PROC15

/   Member   Prompt   Level   Size ----- Created ----- ID
____ DFSPBV15           Active    12 2017/03/27 10:29:15 ME
____ DFSPBV15           00006     3 2017/02/13 17:08:38 YOU
____ DFSPBV15           00005     2 2016/11/29 16:41:45 ME
____ DFSPBV15           00004     3 2016/11/29 16:10:16 YOU
____ DFSPBV15           00003     2 2016/11/22 16:08:22 YOU
____ DFSPBV15           00002     2 2016/11/22 16:07:42 ME
____ DFSPBV15           00001     1 2016/11/02 15:53:37 ME
***** Bottom of data *****
```

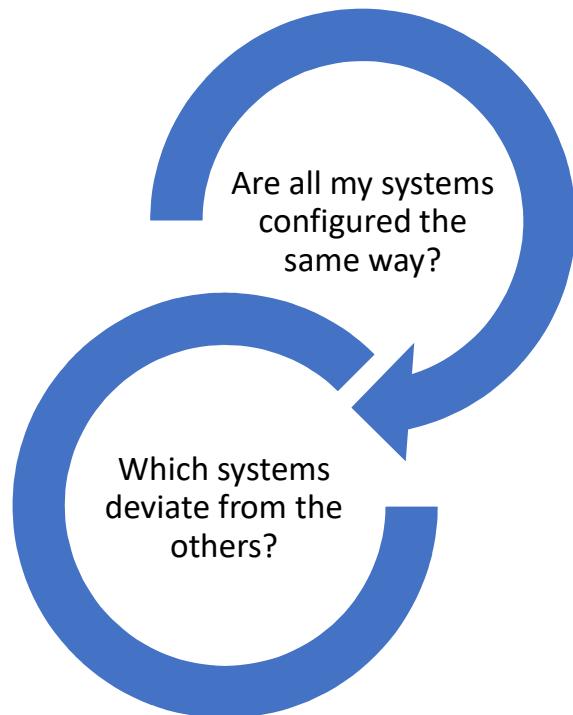
Changes must occur inside IMS Configuration Manager

Enterprise-wide management in z/OS Explorer

with the IMS Configuration Manager Eclipse plug-in



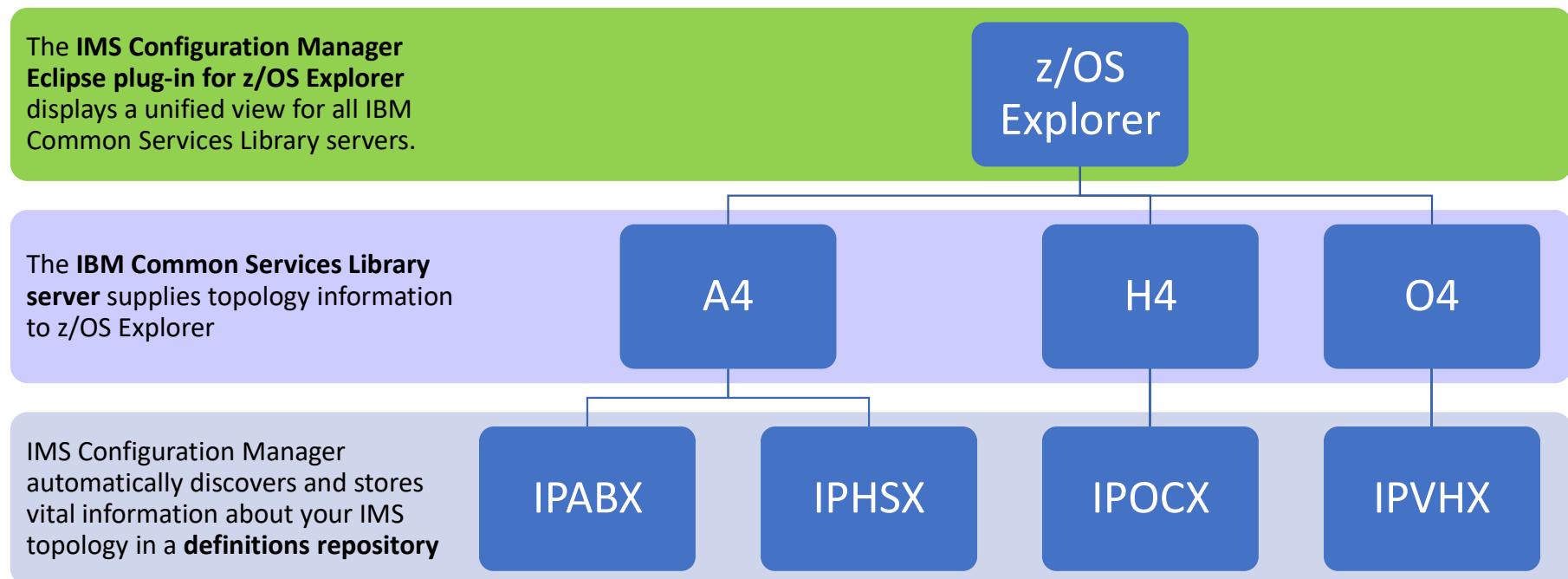
Extending out beyond a single IMS system



Use IMS Configuration Manager and z/OS Explorer to perform the following tasks:

- Centralize and **consolidate** your IMS configurations
- View IMS **systems, resources, and parameters**
- **Compare** parameters across multiple systems
- Submit **IMS type-2 commands** and view the output
- Use **filters** to highlight transactions with special attributes
- List all **active parameter members** across your enterprise and drill down to parameter values
- **Export** data for external analysis

A unified view via the IBM Common Services Library



Listing active PROCLIB data set members across your enterprise

Navigation X

Enter search value

<All Source Types>

MBRLIST..ALL

Type: MBRLIST

IMSplex, system, dataset and member

Show: ALL

Sort

Find

IMSplex	SystemName	Syst...	MemberName	DataSetName	LibraryNumber	Size	CreateDate	ChangeTimestamp	ChangeUserID	MemberType	Message
PLXDH	OMH10M	OM	BPECFG11	IBDH.VB10.PROCLIB	1	45	2010-09-21	10-09-21-09.30.09	AXW1	BPECFG	
PLXDH	RMH1RM	RM	BPECFG11	IBDH.VB10.PROCLIB	1	45	2010-09-21	10-09-21-09.30.09	AXW1	BPECFG	
PLXDH	SCH1SC	SCI	BPECFG11	IBDH.VB10.PROCLIB	1	45	2010-09-21	10-09-21-09.30.09	AXW1	BPECFG	
PLXDH	ODH10D	ODBM	CSLDC0H1	IBDH.VB10.PROCLIB	1	26	2010-08-10	10-09-21-09.35.47	AXW1	CSLDC	
PLXDH	ODH20D	ODBM	CSLDC0H1	IBDH.VB10.PROCLIB	1	26	2010-08-10	10-09-21-09.35.47	AXW1	CSLDC	
PLXDH	OMH10M	OM	CSLOI0H1	IBDH.VB10.PROCLIB	1	12	2008-12-30	2010-09-21-09.36.52	AXW1	CSLOI	
PLXDH	RMH1RM	RM	CSLRI0H1	IBDH.VB10.PROCLIB	1	9	2008-12-30	2010-09-21-09.36.56	AXW1	CSLRI	
PLXDH	SCH1SC	SCI	CSLSI0H1	IBDH.VB10.PROCLIB	1	11	2008-12-30	2010-09-21-09.37.01	AXW1	CSLSI	
PLXDH	ODH10D	ODBM	CSLDI0H1	IBDH.VB10.PROCLIB	1	7	2008-12-30	2010-09-22-21.18.32	AXW	CSLDI	
PLXDH	ODH20D	ODBM	CSLDI0H2	IBDH.VB10.PROCLIB	1	7	2010-02-26	2010-09-22-21.18.36	AXW	CSLDI	
PLCDH	DCH10D	ODBM	BPECFG12	ICDH.VC10.PROCLIB	1	45	2010-11-09	2010-11-09-12.16.24	AXW1	BPECFG	
PLCDH	DCH20D	ODBM	BPECFG12	ICDH.VC10.PROCLIB	1	45	2010-11-09	2010-11-09-12.16.24	AXW1	BPECFG	
PLCDH	OCH10M	OM	BPECFG12	ICDH.VC10.PROCLIB	1	45	2010-11-09	2010-11-09-12.16.24	AXW1	BPECFG	
PLCDH	RCH1RM	RM	BPECFG12	ICDH.VC10.PROCLIB	1	45	2010-11-09	2010-11-09-12.16.24	AXW1	BPECFG	
PLCDH	SCDHSC	SCI	BPECFG12	ICDH.VC10.PROCLIB	1	45	2010-11-09	2010-11-09-12.16.24	AXW1	BPECFG	
PLCDJ	DCJ10D	ODBM	BPECFG12	ICDJ.VC10.PROCLIB	1	45	2010-11-09	2010-11-09-12.19.32	AXW1	BPECFG	
PLCDJ	DCJ20D	ODBM	BPECFG12	ICDJ.VC10.PROCLIB	1	45	2010-11-09	2010-11-09-12.19.32	AXW1	BPECFG	
PLCDJ	DCJ10M	OM	BPECFG12	ICDJ.VC10.PROCLIB	1	45	2010-11-09	2010-11-09-12.19.32	AXW1	BPECFG	

Parameters

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Consolidated list of systems organized by IMS, IMSplex, and IMS Connect

A smarter way to manage and configure your IMS Systems
with IMS Configuration Manager



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IMS Tools

The screenshot illustrates the IMS Configuration Manager interface, specifically focusing on the 'All Sources' view and its detailed configuration options.

Navigation Tree:

- IMS
 - ICDP
 - IDDP
 - IEDA
 - IEDB
 - IFDA
 - IFDB
- IMS Connect
 - HWSFCFG1
 - HWSOPGS1
 - HWSOPGS2
- IMSplex
 - PLEDA
 - HWSFCFG1
 - HWSOPGS1
 - HWSOPGS2

Source List:

The main window displays a table of sources under the heading 'MBRLIST ALL'. The columns include SystemName, SystemType, MemberName, DataSetName, LibraryNumber, Size, CreateDate, and ChangeTime. A context menu is open over a row for 'IFDA.VF10.PROCLIB' (LibraryNumber 1, Size 7), with options: Compare..., Show Configuration, and View Source.

Configuration Table:

A secondary table view titled 'DFSDF.LOGGER' shows configuration parameters like BUENO, MODE, DEGRADE, BUFSTOR, BLKSZ, and LOGID. A context menu is open over a row for 'DFSDFOME' (Mode DUAL, Bufstor 005), with options: Compare..., Show Configuration, and View Source.

Source Code View:

The right pane displays the raw source code for the member 'IFDA.VF10.PROCLIB' (DFSDFOME). The code includes sections for diagnostics and statistics, transaction level statistics, and user exits. The code is timestamped at 'Apr 24, 2018 10:41:08 AM; 1 of 1'.

Context Menus:

- Show Configuration:** Available for both the source list and configuration table rows.
- View Source:** Available for both the source list and configuration table rows.

Drill down to PROLIB data set member:

1. Select **All Sources** to see EVERYTHING
2. Find the system, member, or member type you are interested in (DFSDFHOM)
3. **Show Configuration** will list all members with same type (DFSDF)
4. Isolate further (LOGGER)
5. Use **View Source** to see the raw contents of the member

Location of parameter

Parameter values (down)

Identify parameter differences across the enterprise

Source	IMSplex	SystemName	MemberName	ParmSource	ALOT	AOIS	AOI1	APPLID1	APPC	APPCE	ARC	ARMRST	ASOT	AUTO	BSIZ	CMDMCS	
1	PLBDP	IBDR	DFSPBPLP	INEFFECT							01			N	02048		
1	PLCDH	ICDH	DFSPBHWS	INEFFECT	60		N		ICDHEVT1		01	N	60	N	02048		
1	PLCDP	ICDR	DFSPBPLP	INEFFECT	1440	N	N		CCDR		1		1440			Y	
1	PLDDH	IDDH	DFSPBHWS	INEFFECT	60		N				01	N	60	N	02048		
1	PLDDQ	ICDQ	DFSPBDQ1	INEFFECT	60		N		ICDQEVT1		01	N	60	N	02048		
1	PLDDQ	IDDQ	DFSPBDQ1	INEFFECT	60		N				01	N	60	N	02048		
1	PLXDH	IBDH	DFSPBHWS	INEFFECT	60		N	IBDHEVT1			01	N	60	N	02048		
1	PLXDP	IBDP	DFSPBPLP	INEFFECT	60	S	N	IBDPEVT1			01	Y	60	N	02048		
1	PLXDP	ICDP	DFSPBPLP	INEFFECT	60	S	N	ICDPEVT1		N	F	1		60	N	2048	
1	PLXDP	IDDP	DFSPBPLP	INEFFECT	60	S	N				01	N	60	N	02048		
1	PLXNU	IADP	DFSPBPLP	INEFFECT	60	S	N	IADPEVT1			01		60	N	02048		
1	IPABX	ABS0	DFSPB00M	INEFFECT		R	R	IMABIMS0	Y		01		N		R		
1	IPABX	ABS1	DFSPB01M	INEFFECT		R	R	IMABIMS1	Y		01		N		R		
1	IPABX	ABS2	DFSPB02M	INEFFECT		R	R	IMABIMS2	Y		01		N		R		
1	IPABX	ABS3	DFSPB03M	INEFFECT		R	R	IMABIMS3	Y		01		N		R		

Parameters DFSPB

Scroll for more...

"Hotspot" shows a change in value from one row to the next...

Select the value that is "in effect" on the system, the value in a member, the values in JCL overrides (if present), or stage 1 macro



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IMS Tools

Are my parameters in stage 1, PROCLIB data set members, or in JCL overrides?

The values “in effect” on the system

DFSPB.ALL.ALL																		
Type:	DFSPB																	
IMSplex	SystemName	SystemType	MemberName	ParmSource	ALOT	AOIP	AOIS	AOI1	APPC	APPCE	APPLID1	APPLID2	APPLID3	ARC	ARMRST	ASOT	AUTO	BSIZ
PLEDA	IEDA	IMS	DFSPBHWS	INEFFECT	60			N			IEDAEVT1			01	N	60	N	02048
PLEDA	IEDA	IMS	DFSPBHWS	JCLOVERRIDES										01	N	60	N	02048
PLEDA	IEDA	IMS	DFSPBHWS	MEMBER	60			N										
PLEDA	IEDA	IMS	DFSPBHWS	XIMSGEN														

Parameter source (+ what is “in effect”)

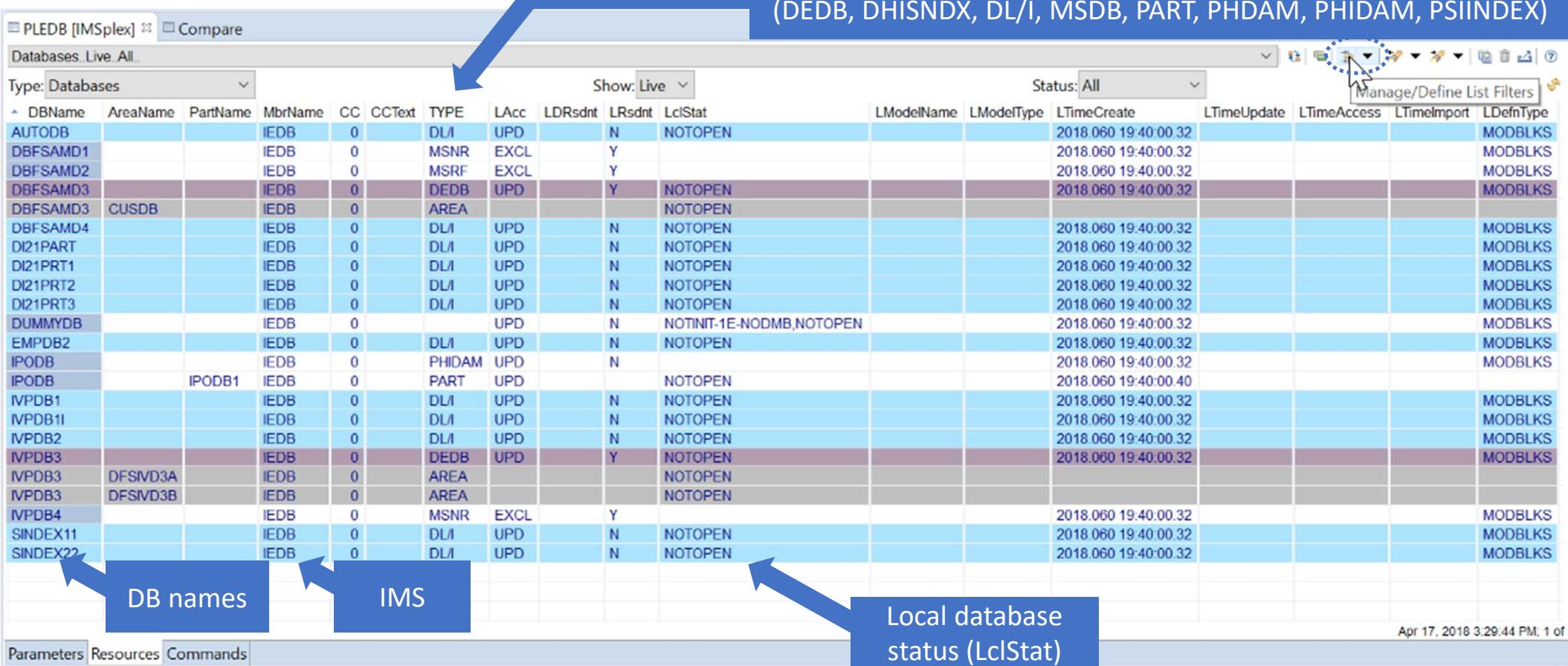
Parameter values set in PROCLIB data set member

Parameter value from stage 1 macro

Value derived from JCL override

Browsing resources in an IMSplex

Here we have applied special highlighting to help us differentiate between values reported in the **TYPE** column
 (DEDB, DHISNDX, DL/I, MSDB, PART, PHDAM, PHIDAM, PSIINDEX)



The screenshot shows a grid of database resources with the following columns:

- DBName
- AreaName
- PartName
- MbrName
- CC
- CCText
- TYPE**
- LAcc
- LDRsdnt
- LRsdnt
- LclStat
- LModelName
- LModelType
- LTimeCreate
- LTimeUpdate
- LTimeAccess
- LTimeImport
- LDefnType

Key observations from the grid:

- Cells in the **TYPE** column are highlighted in different colors based on their value: DEDB (purple), DHISNDX (light blue), DL/I (blue), MSDB (light green), PART (light orange), PHDAM (pink), PHIDAM (light purple), and PSIINDEX (yellow).
- Cells in the **LclStat** column are also highlighted in different colors: NOTOPEN (light blue) and OPEN (light green).
- Cells in the **LModelType** column are highlighted in purple.
- Cells in the **LTimeCreate**, **LTimeUpdate**, **LTimeAccess**, and **LTimeImport** columns are highlighted in light blue.
- Cells in the **LDefnType** column are highlighted in purple.

Annotations on the interface:

- A blue box labeled "DB names" is positioned over the first four columns.
- A blue box labeled "IMS" is positioned over the last three columns.
- A blue box labeled "Local database status (LclStat)" is positioned over the **LclStat** column.
- A blue arrow points from the "Browsing resources in an IMSplex" section to the grid.
- A blue arrow points from the "Local database status (LclStat)" section to the "NOTOPEN" status in the grid.
- A blue arrow points from the "Manage/Define List Filters" button in the top right corner to the **LclStat** column.

A smarter way to manage and configure your IMS Systems
 with IMS Configuration Manager



Submit an IMS command, view formatted responses, sort, filter, compare...

QUERY IMSPLEX SHOW(ALL)

1. Enter query											2. Submit	
IMSprix	MbrName	CC	Member	JobName	Type	Subtype	Version	OSName	Status			
CSLPLXDH	OMH10M	0	ACMEPLX	FUDREA	AOP	FUDSRVR	1.4.0	FTS1	ACTIVE			
CSLPLXDH	OMH10M	0	IDTCSEVR	IDT#FUD	AOP	FUDSRVR	1.4.0	FTS1	ACTIVE			
CSLPLXDH	OMH10M	0	AXLFUD	FUDAXL	AOP	FUDSRVR	1.4.0	FTS1	ACTIVE			
CSLPLXDH	OMH10M	0	MARK	FUDMMA	AOP	FUDSRVR	1.4.0	FTS1	ACTIVE			
CSLPLXDH	OMH10M	0	IBDH	IBDHCTL	IMS	DBDC	11.1.0	FTS1	READY,ACTIVE			
CSLPLXDH	OMH10M	0	SCH1SC	IBDHSCI	SCI		1.4.0	FTS1	READY,ACTIVE			
CSLPLXDH	OMH10M	0	OMH10M	IBDHOM	OM		1.4.0	FTS1	READY,ACTIVE			
CSLPLXDH	OMH10M	0	RMH1RM	IBDHRM	RM	SNGLRM	1.4.0	FTS1	READY,ACTIVE			

For more information on IMS QUERY commands:

https://www.ibm.com/support/knowledgecenter/en/SSEPH2_15.1.0/com.ibm.ims15.doc.cr/imscmds/ims_querycmds.htm

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Submit IMS command, view formatted response

QUERY PGM NAME(*) SHOW(ALL)

PgmName	MbrName	CC	CCText	LrgnTyp	SMType	LFP	LDOPT	LGPSB	LDRsdnt	LRsdnt	LTrnStat	LPgmLang	LSchdType	LclStat	LModelName	LModeType	LTimeCreate	LTimeUpdate	LTimeAccess	LTimeImport	LDefnType
DFSIVP62	IEDB	0		BMP		N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVP64	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVP65	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVP67	IEDB	0		JPB	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVP7	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVP8	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVP9	IEDB	0		BMP	Y								PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVPA	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVPB	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVPC	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVPD	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVPE	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVPF	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
DFSIVPG	IEDB	0		IFP	N	E	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM01	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM02	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM03	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM04	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM05	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM06	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM07	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM08	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM09	IEDB	0		BMP	Y	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM31	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM32	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAM33	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060				LKS
DFSSAMA1	IEDB	0		BMP	Y	N	N	N		N	N		SERIAL	NOTINIT-40-NOPSB			2018.060				LKS
DFSSAMA2	IEDB	0		BMP	Y	N	N	N		N	N		SERIAL	NOTINIT-40-NOPSB			2018.060				LKS
DFSSAMA3	IEDB	0		BMP	Y	N	N	N		N	N		SERIAL	NOTINIT-40-NOPSB			2018.060				LKS
DVPPGM01	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
IPOPSB	IEDB	0		JMP	N	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
IVPREXX	IEDB	0		MPP	N	N	N	Y		N	N	ASM/CBL	PARALLEL				2018.060 19:40:00.32				MODBLKS
JLMPGM01	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS
MQATPGM	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL	NOTINIT-40-NOPSB			2018.060 19:40:00.32				MODBLKS
TWMPGM01	IEDB	0		MPP	N	N	N	N		N	N		PARALLEL				2018.060 19:40:00.32				MODBLKS

Show me the
programs in
IMSpex PLEDB

Here we have applied a
filter to the **LclStat** column
output to highlight local
application program status
information

Submit IMS commands, view formatted responses, **and perform cross-system response comparison**

The screenshot shows a comparison of transaction details across three different IMS systems (JLMTRAN1, JLMTRAN2, JLMTRAN3) and three different members (IEDA, IEDB, IFDA). The transactions compared are JLMPGM01, MQATREQ1, and MQATECHO.

Compare same transactions in three IMS systems:

Source	Trancode	MbrName	CC	CCText	LPSBname	LCls	LQCnt	LLCT	LPLCT	LPLCTTime	LCPRI	NPRI	LLPRL	LSegSz	LSegNo	LParLim	LRegCnt	LMaxRgn	LEditRtn	LFP	LEMHBSz	LCmtMode	LMsgType	LSPTArunc	LSPASz	LSIDR	LSIDL	LDCLWA	LDirRoute	LEditUC	LInq	LF
1	JLMTRAN1	IEDA	0		JLMPGM01	1	0	5	20	1000	10	8	10	0							0	SNC										
2	JLMTRAN1	IEDB	0		JLMPGM01	1	0	5	20	1000	8	8	10	0							0	SNC										
3	JLMTRAN1	IFDA	0		JLMPGM01	1	0	5	20	1000	8	8	10	0							0	SNC										
1	JLMTRAN2	IEDA	0		JLMPGM01	1	0	5	20	1000	8	8	10	0							0	SNC										
2	JLMTRAN2	IEDB	0		JLMPGM01	1	0	5	20	1000	8	8	10	0							0	SNC										
3	JLMTRAN2	IFDA	0		JLMPGM01	1	0	5	20	1000	8	8	10	0							0	SNC										
1	JLMTRAN3	IEDA	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0						0	SNC										
2	JLMTRAN3	IEDB	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0						0	SNC										
3	JLMTRAN3	IFDA	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0						0	SNC										
1	JLMTRAN4	IEDA	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0						0	SNC										
2	JLMTRAN4	IEDB	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0	65535	0	0	10	N	0	SNC										
3	JLMTRAN4	IFDA	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0	65535	0	0	10	N	0	SNC										
1	JLMTRAN5	IEDA	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0	65535	0	0	10	N	0	SNC										
2	JLMTRAN5	IEDB	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0	65535	0	0	10	N	0	SNC										
3	JLMTRAN5	IFDA	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0	65535	0	0	10	N	0	SNC										
1	KFCTRAN1	IEDA	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0	65535	0	0	10	N	0	SNC										
2	KFCTRAN1	IEDB	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0	65535	0	0	10	N	0	SNC										
3	KFCTRAN1	IFDA	0		JLMPGM01	1	0	5	20	20	1000	8	8	10	0	65535	0	0	10	N	0	SNC										
1	MQATECHO	IEDA	0		MQATPGM	1	0	5	65535	6553500	8	8	10	0	65535	0	0	10	N	0	SNC											
2	MQATECHO	IEDB	0		MQATPGM	1	0	5	65535	6553500	8	8	10	0	65535	0	0	10	N	0	SNC											
3	MQATECHO	IFDA	0		MQATPGM	1	0	5	65535	6553500	8	8	10	0	65535	0	0	10	N	0	SNC											
1	MQATREQ1	IEDA	0		MQATPGM	6	0	5	500	500	8	8	10	0	500	0	0	10	N	0	SNC											
2	MQATREQ1	IEDB	0		MQATPGM	6	0	5	500	500	8	8	10	0	500	0	0	10	N	0	SNC											
3	MQATREQ1	IFDA	0		MQATPGM	6	0	5	500	500	8	8	10	0	500	0	0	10	N	0	SNC											
1	MQATREQC	IEDA	0		MQATPGM	1	0	5	65535	6553500	8	8	10	0	65535	0	0	10	N	0	SNC											
2	MQATREQC	IEDB	0		MQATPGM	1	0	5	65535	6553500	8	8	10	0	65535	0	0	10	N	0	SNC											
3	MQATREQC	IFDA	0		MQATPGM	1	0	5	65535	6553500	8	8	10	0	65535	0	0	10	N	0	SNC											

Different local current scheduling priorities (LCPRI)

Different processing limit count times (LPLCTTime)

Create a variety of cross-system comparisons using type-2 command output – in this example, we are comparing transactions:

1. Submit QUERY TRAN NAME(*) SHOW(ALL) for each system/IMSprix you wish to view and compare
2. Click the compare button
3. Set your comparison options
4. Sorting by trancode will group the transaction codes together

A smarter way to manage and configure your IMS Systems
with IMS Configuration Manager



Your IMS configuration under complete control

Autodiscovery: Your topology questions answered.

IMSplices
IMS systems
IMS Connect
CSL members
PROCLIB data sets
JCL overrides

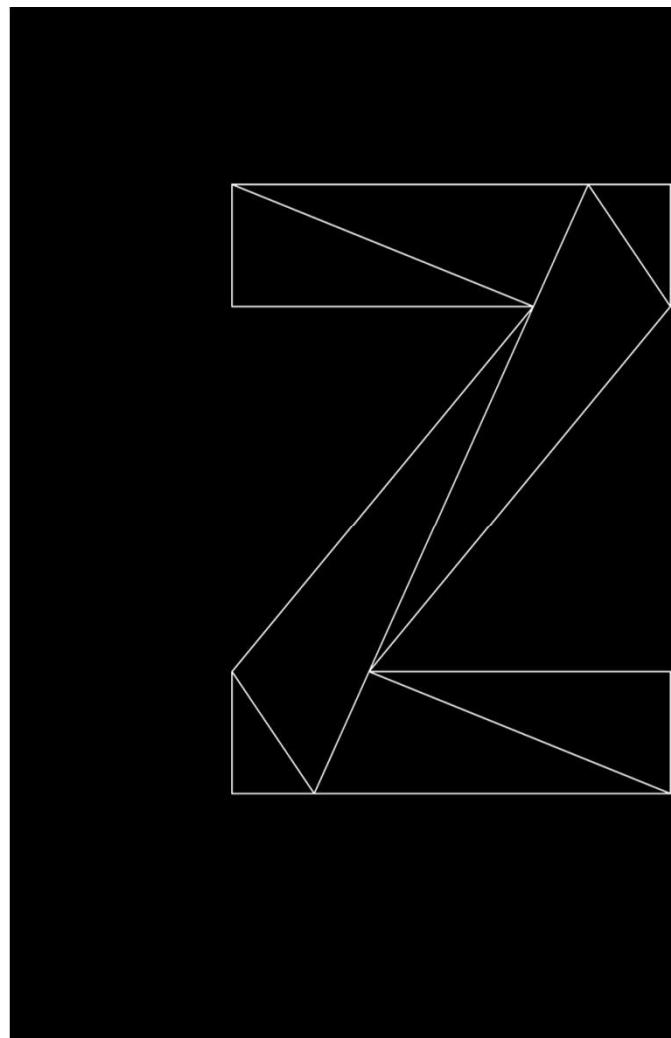
Parameter editing (ISPF): Make changes with confidence

Active members
Syntax checker
Parameter model
Parameter help
Change history
Revert

Enterprise-wide management (z/OS Explorer):
Your enterprise now fully understood.

Cross-system parameter comparisons
Browse resources (programs, databases..)
Submit IMS commands (e.g. QUERY)
Highlight, filter, and find
Export for offline analysis

Reference	Link
IMS Configuration Manager for z/OS Explorer	https://developer.ibm.com/mainframe/products/downloads/eclipse-tools/
IMS Configuration Manager documentation	https://www.ibm.com/support/knowledgecenter/en/SSF2ZH_2.3.0
IMS Configuration Manager marketplace page	https://www.ibm.com/au-en/marketplace/ims-configuration-manager-for-zos



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A smarter way to manage and configure your IMS Systems
with IMS Configuration Manager