



Endevor for Db2:

1) Supporting BIND SERVICE statement

MTC DBM (Modern UI):

2) Access both Admin and Performance using single URL

SRINIVAS ADUPA | PRODUCT OWNER, BROADCOM

Endevor for Db2: BIND SERVICE statement

- BIND SERVICE:
 - Mask BIND SERVICE statements based on the need
 - Ability to point errors
 - Already supported BIND PACKAGE and BIND PLAN

Endevor for Db2: BIND SERVICE statement

```

File Edit Edit_Settings Menu Utilities Compilers Test Help
EDIT          EDB2SERV.JOB48176.JCL          Columns 00001 00072
Command ==>          Scroll ==> CSR
000026 //BINDLIB DD DISP=SHR,DSN=EDB2.NDVR.BIND (RADFRED)
000027 CONNECT SSID D11A.
000028 BIND SERVICE (ADUSR01) NAME (SRINI33)  -
000029 ACTION          ( ADD          )      -
000030 OWNER           ( ADUSR01      )      -
000031 QUALIFIER      ( ADUSR01      )      -
000032 VALIDATE      ( RUN          )      -
000033 EXPLAIN       ( YES          )      -
000034 ISOLATION     ( CS          )      -
000035 RELEASE       ( DEALLOCATE   )      -
000036 APREUSE      ( NO          )      -
000037 APCOMPARE    ( NONE         )      -
000038 APCOMPARE    ( NONE         )      -
000039 BUSTIMESENSITIVE ( YES         )      -
000040 SYSTIMESENSITIVE ( YES         )      -
000041 ARCHIVESENSITIVE ( YES         )      -
000042 APPLCOMPAT   ( V11R1      )      -
000043 //EDBTMPLT DD *
000044 BIND
000045 SERVICE        ( B?????2   )
000046 NAME           ( *         )
000047 ACTION        ( *         )
000048 OWNER         ( OWNERID   )
000049 QUALIFIER     ( *         )
000050 VALIDATE     ( *         )      -
000051 EXPLAIN      ( *         )      -
000052 ISOLATION   ( *         )      -
000053 RELEASE    ( *         )      -

```

Sample BIND SERVICE statement

Endevor for Db2: BIND SERVICE statement

```
File Edit Edit_Settings Menu Utilities Compilers Test Help
EDIT          EDB2SERV.JOB48176.JCL          Columns 00001 00072
Command ==>          Scroll ==> CSR
000043 //EDBTMPLT DD *
000044     BIND
000045     SERVICE          ( B?????2          )
000046     NAME            (          *          )
000047     ACTION          (          *          )
000048     OWNER           ( OWNERID          )
000049     QUALIFIER       (          *          )
000050     VALIDATE        (          *          ) -
000051     EXPLAIN         (          *          ) -
000052     ISOLATION       (          *          ) -
000053     RELEASE        (          *          ) -
000054     APREUSE        (          *          ) -
000055     APCOMPARE      (          *          ) -
000056     APCOMPARE      (          *          ) -
000057     BUSTIMESENSITIVE (          *          ) -
000058     SYSTIMESENSITIVE (          *          ) -
000059     ARCHIVESENSITIVE (          *          ) -
000060     APPLCOMPAT     (          *          )
000061     ;
***** Bottom of Data *****
```

Trying to mask BIND SERVICE statement – for **SERVICE** and **OWNER**

Endevor for Db2: BIND SERVICE statement

```

SYSVIEW 16.0 CA31 ----- OUTPUT, Job Output ----- 07/06/20 17:37:56
Command =====> Scroll *====> CSR
----- Lvl 4 Row 1-17/17
JobName  Jobid  Queue  DDName  StepName  ProcStep  ExecSys
EDB2SERV JOB48176 OUTPUT  DDLFILE  STEP1@    CA31
-----
...+...10...+...20...+...30...+...40...+...50...+...60...+...70.|.+...
DSN SYSTEM(D11A)
BIND SERVICE (BDUSR02)
NAME (SRINI33)
OWNER (OWNERID)
QUALIFIER (ADUSR01)
ACTION (ADD)
VALIDATE (RUN)
ISOLATION (CS)
RELEASE (DEALLOCATE)
EXPLAIN (YES)
APCOMPARE (NONE)
APREUSE (NO)
APPLCOMPAT (V11R1)
ARCHIVESENSITIVE (YES)
BUSTIMESENSITIVE (YES)
SYSTIMESENSITIVE (YES)
;
***** End of Data *****
-----
1=HELP 2=SPLIT 3=RETURN 5=FIND 7=UP 8=DOWN 9=SWAP 10=LEFT 11=RIGHT 12=RECALL

```

Output of Sample BIND SERVICE statement –
Observe **SERVICE** and **OWNER** parms

Endevor for Db2: BIND SERVICE statement

```
SYSDVIEW 16.0 CA31 ----- OUTPUT, Job Output ----- 07/06/20 17:39:46
Command =====>
----- Lvl 4 Row 18-33/33 Col 1-80/81
JobName Jobid Queue DDName StepName ProcStep ExecSys
EDB2SERV JOB48351 OUTPUT EDBOUT STEP1@ CA31
-----
...+...10...+...20...+...30...+...40...+...50...+...60...+...70...+...
EDB0119I ARCHIVESENSITIVE ( YES ) -
EDB0119I SAMPLEERROR ( YES ) -
EDB0119I APPLCOMPAT ( V11R1 ) -
EDB0122I ---+---1---+---2---+---3---+---4---+---5---+---6---+---7---
EDB0114I Control record processing complete
EDB0116E Unrecognized keyword encountered:
EDB0120I SAMPLEERROR
EDB0116E Unrecognized keyword encountered:
EDB0120I ( YES )
EDB0301I Connecting to DB2 subsystem D11A
EDB0301I Connected to DB2 subsystem D11A
EDB0302I Connection complete for DB2 subsystem D11A
EDB0020I Batch EDB2 Function complete, rc=00
EDB0021W Function bypassed due to syntax error
EDB0303I Disconnect complete from subsystem D11A
EDB0002I Batch EDB2 interface terminating, maxrc=16
***** End of Data *****
-----
1=HELP 2=SPLIT 3=RETURN 5=FIND 7=UP 8=DOWN 9=SWAP 10=LEFT 11=RIGHT 12=RECALL
```

Sample Error while providing **SAMPLEERROR** as a parm to BIND SERVICE statement

MTC DBM: Access Admin and Performance from single URL

- Ability to
 - Access Admin and Performance using single URL
 - Control ROW count
 - Saving Table configuration (for Performance)
 - Filters (global level and column level)
 - Row cache

MTC DBM: Access Admin and Performance from single URL

Mainframe Team Center
Database Management for Db2 for z/OS

Administration Performance

Select Db2 subsystem

SSID
Select or start typing

Environment
Select or start typing

Use Group Name OFF

Select performance category

Category
Select or start typing

Specify interval range

Current Interval Historical Interval

Begin Date/Time
Interval Begin

End Date/Time
Current Date/Time

View Range

Auto Collapse

Just after Login – observe
Administration and
Performance

MTC DBM: Access Admin and Performance from single URL

ca Mainframe Team Center Database Management for Db2 for z/OS

Administration Performance

SSID: D11A
Environment: QA@CA31.LVN.BROADCOM.NET:8800

Use Group Name: OFF

Select object type: Common Db2, All Db2, CA Admin

SG, DB, TS, TB, IX, VW, SY, AL, TG, UF, PR, SQ

Specify filtering criteria: Object Name, Object Creator/Schema

List Objects, Auto Collapse

Sample TB report in Admin

TB LIST (D11A)

Actions

NAME	CREATOR	DBNAME	TSNAME	TYPE	COLCOUNT	CARDF	DBID	OBID	CLUSTERTYPE	EDPROC	VALPROC	PCTPAGES	PARENTS	CHILDREN	KEYCOLUMNS
		DSN05253	M	T	1	-1.0E0	6928	6				-1	0	0	0
TABLE TC NG TC O G A E ...	PATLO0 V ...	DSN01890	MMMMTABL	T	10	6.0E0	3551	3				2	0	0	0
TABLE TC NG TC O G A E ...	QARCQ0 ...	DSN01887	MMMMTABL	T	10	-1.0E0	3548	3				-1	0	0	0
--	QARCU	DSN05259	MEEMMM	T	2	-1.0E0	6934	3				-1	0	0	0
R1C1_1	VEEPO01	DSN01407	MR1C1R1M	T	2	-1.0E0	3041	3				-1	0	0	1
R1C1_2	VEEPO01	DSN02204	MR1C1R2M	T	2	-1.0E0	3880	3				-1	0	0	1
table	QACR	QADBMQT	QATSMQT	T	1	1.0E1	13879	9				25	0	0	0
#####00003ALONEDB1	CADB2ID	ALONEDB1	CADB2TS	T	1	-1.0E0	11703	3				-1	0	0	0

MTC DBM: Access Admin and Performance from single URL

The screenshot shows the MTC DBM interface with the following components:

- Header:** Mainframe Team Center Database Management for Db2 for z/OS. User: adusr01.
- Navigation:** Administration, Performance.
- Select Db2 subsystem:** D11A, Environment: QA@CA31.LVN.BROADCOM.NET:8800.
- Select object type:** Common Db2, All Db2, CA Admin. Object types: SG, DB, TS, TB, IX, VW, SY, AL, TG, UF, PR, SQ.
- Specify filtering criteria:** Object Name, Object Creator/Schema.
- Table List (D11A):**

NAME	CREATOR	DBNAME	TSNAME	TYPE	COLCOUNT	CARDF	DBID	OBID	CLUSTERTYPE	EDPROC	VALPROC	PCTPAGES	PARENTS	CHILDREN
		DSN05253	M	T	1	-1.0E0	6928	6						
TABLE TC NG TC O GAE ...	PATLO0 V ...	DSN01890	MMMMTABL	T	10	6.0E0	3551	3					2	0
TABLE TC NG TC O GAE ...	QARCQ0 ...	DSN01887	MMMMTABL	T	10	-1.0E0	3548	3					-1	0
--	QARCU	DSN05259	MEEMMM	T	2	-1.0E0	6934	3					-1	0
R1C1_1	VEEPO01	DSN01407	MR1C1R1M	T	2	-1.0E0	3041	3					-1	0
R1C1_2	VEEPO01	DSN02204	MR1C1R2M	T	2	-1.0E0	3880	3					-1	0
table	QACR	QADBMQT	QATSMQT	T	1	1.0E1	13879	9					25	0
#####00003ALONEDB1	CADB2ID	ALONEDB1	CADB2TS	T	1	-1.0E0	11703	3					-1	0
- Callout Box:** Options of Settings button - Admin

MTC DBM: Access Admin and Performance from single URL

ca Mainframe Team Center Database Management for Db2 for z/OS adusr01

Administration Performance

Subsystem: D11A Environment: QA@CA31.LVN.BROAD... Performance category: PLANS Interval Range: Begin: Interval Begin End: Current Date/Time

Options of Settings button - Performance

Active Filters: None

PLANNAME	TIMEPCT	CPUPCT	INDB2_TIME	INDB2_CPU	SQL	GETPAGE	SYNCREAD	SPFETCH	DYNPFETCH	PFPAGES	PAG
<input type="checkbox"/> FL2AQ200	40.31	96.64	00:03.381613	00:02.959352	141,914	53,331	120	407	192	8,658	
<input type="checkbox"/> DISTSERV	0.76	1.12	00:00.064148	00:00.034459	451	488	0	0	0	0	
<input type="checkbox"/> DSNESPCS	13.12	0.89	00:01.101149	00:00.027367	40	1,559	141	0	34	63	278 2
<input type="checkbox"/> RQPAP200	0.64	0.50	00:00.054093	00:00.015477	575	678	11	11	39	324	0 3
<input type="checkbox"/> RCUUP200	44.93	0.47	00:03.769033	00:00.014619	134	1,153	45	0	30	1	2 7
<input type="checkbox"/> PDTAP190	0.08	0.20	00:00.006839	00:00.006182	234	303	0	0	0	0	98 0
<input type="checkbox"/> ENNAD200	0.10	0.09	00:00.008916	00:00.002950	48	48	3	0	0	2	0 4
<input type="checkbox"/> RBPAQ200	0.02	0.05	00:00.001763	00:00.001719	8	44	0	0	0	0	0 0

8 rows shown



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