



Things About Db2 for z/OS I Wish I'd Remember When....

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Agenda

RTS

BIND vs REBIND

DSNZPARMs

Explain Tables

Display GROUP

Etc...



Why the tittle....

Real Time Statistics (1|3)

Why ??

Zparms

- STATSINT
- DISABLE_EDMRTS ??
- Feedback ??
 - STATFDBK_SCOPE
 - STATFDBK_PROFILE

Real Time Statistics (2|3)

When are these values externalized ?

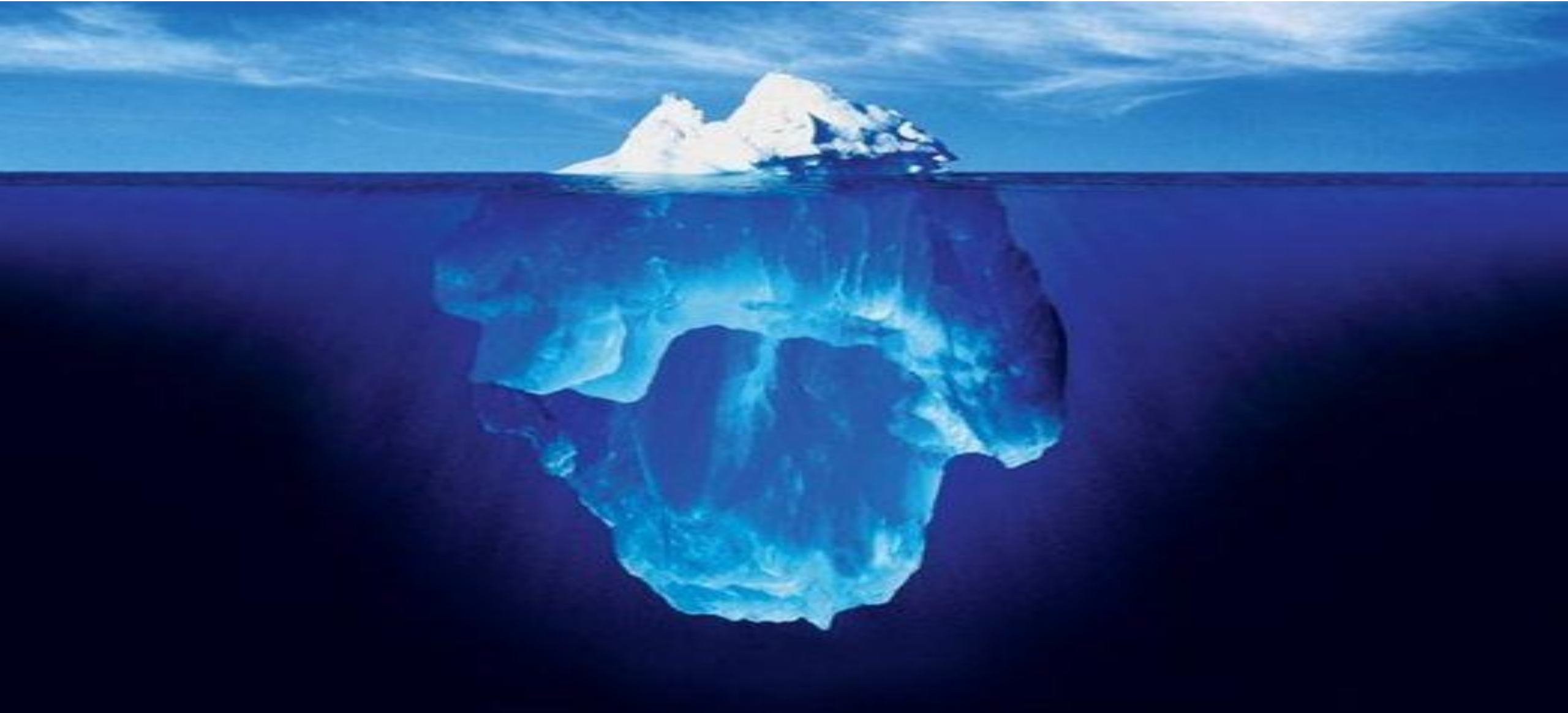
STATSINT

- ACCESS DATABASE
- STOP/START DB

Versioning ??

Subsystem Recovery ??

Real Time Statistics (3|3)



BIND vs REBIND (1 | 1)

What's the big deal ??

-805 ??

BIND vs REBIND

- Not the same
- When to use

BIND vs REBIND (2|2)

DBRM has not changed
Db2 Upgrade/Migration
STATS, New Index, etc...

DSNZPARMS (1 | 1)

What are they ?

How to list them

Modify them

Plan Tables (1 | 1)

How many now ?

What's What

Keeping them current

-DISPLAY Group (1|1)

Where am I ?

Where have I been....

```
Vista TN3270 Session A
File Edit Font Transfer Macro Options Window Help
-----
DJJ-R ----- DB2 Commands ----- Row 1 to 15 of 30
Command ==> _                               Scroll ==> CSR
01
Model Commands  1.  DISPLAY DATABASE(MXCUTIL) SPACENAM(BMCDICT)  LIMIT(994)
                2.  DISPLAY DATABASE(MXCUTIL) SPACENAM(BMCDICT)  LIMIT(994)
                3.
Current Command . . -DISPLAY GROUP DETAIL

----- Command Results -----
DSN7100I  *DJJ1 DSN7GCMD
*** BEGIN DISPLAY OF GROUP(DSNDJJ  ) CATALOG LEVEL(V12R1M503)
                                CURRENT FUNCTION LEVEL(V12R1M504)
                                HIGHEST ACTIVATED FUNCTION LEVEL(V12R1M504)
                                HIGHEST POSSIBLE FUNCTION LEVEL(V12R1M504)
                                PROTOCOL LEVEL(2)
                                GROUP ATTACH NAME(DJJ )

-----
DB2          SUB          DB2    SYSTEM    IRLM
MEMBER      ID  SYS  CMDPREF  STATUS  LVL   NAME    SUBSYS  IRLMPROC
-----
DJJ1        1  DJJ1 *DJJ1    ACTIVE  121509 BMCA    IJJ1   DJJ1IRLM
DJJ2        2  DJJ2 *DJJ2    ACTIVE  121509 BMCB    IJJ2   DJJ2IRLM
-----
DB2          PARALLEL  PARALLEL
```

M 0.0 11/08/21.312 08:32PM bmca a 2,15

-DISPLAY Stats (1 | 1)

How much memory (FTB) am I using ?

Who is using it....

LOG Reader tasks ??

-IBM Supplied SPs (1 | 2)

There's a bunch.....

ADMIN_INFO_SYSPARM

ADMIN_UPDATE_SYSPARM

ADMIN_EXPLAIN_MAINT

DSNACCOX

-IBM Supplied SPs (2|2)

Sample Apps & JCL !!

- DSNTEJ6Z
- DSN8ED7

ADMIN_INFO_SYSPARM

-Db2 12 FL504 (1 | 4)

Deprecated Objects !!!

Prevents following types of objects from being created

- Non-UTS Segmented and Partitioned Tablespaces
- Synonyms
- HASH Organized Tables

Note:

- Existing objects of these types will **still work**.....
- Prevents use of Multi-Table Tablespaces

-Db2 12 FL504 (2 | 4)

If you really need to create one of the deprecated object types after you activate FL504
.....you do have an option

SET CURRENT APPLICATION COMPATIBILITY = 'V12R1M503'

This can be used to allow a DDL stream to keep working,
even after you activate 504 or later.

BUT....be careful what you ask for.

-Db2 12 FL504 (3|4)

On FL503

CREATE TABLESPACE BMCAL

IN ACM121

USING STOGROUP SYSDEFLT

ERASE NO

FREEPAGE 0

PCTFREE 5

SEGSIZE 4

BUFFERPOOL BP0

SEGSIZE = 4

DSSIZE = 0

MAXPARTITIONS = 0

-Db2 12 FL504 (4|4)

On FL504

CREATE TABLESPACE BMCAL

IN ACM121

USING STOGROUP SYSDEFLT

ERASE NO

FREEPAGE 0

PCTFREE 5

SEGSIZE 4

BUFFERPOOL BP0

SEGSIZE = 4

DSSIZE = 4

MAXPARTITIONS = 256

-Db2 12 FL500

Unload Authority !!!

AUTH_COMPATABILITY zparm

RACF changes

IFCID 404

-Db2 12 RUNSTATS

INVALIDATE CACHE !!!

Default NO

- Except....





Thank You

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<https://www.ibm.com/docs/en/db2-for-zos/12>