

The background of the slide features a stylized, golden-brown globe with a grid of latitude and longitude lines. A compass rose is positioned in the upper right quadrant, with its needle pointing towards the top. The overall aesthetic is that of an old-world map or a navigational instrument.

DB2 Users Group

August 9, 2007

Information Technology Services of North Carolina - DB2 Users Group

Meetings/Significant Events

- August 23, 2007 – TRIDUG - RTP
- August 23, 2007 – DB2 Technical Seminar sponsored by IBM - RTP
- August 24, 2007 – Bonnie Baker Educational Seminar – SIRDUG – Charlotte/Concord NC
- October 11, 2007 – next DB2 Users Group meeting

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The next TRIDUG meeting (RTP) is scheduled for Thursday, August 23rd. So far the agenda includes a DB2 Tools Overview, and for LUW several presentations on Viper II (DB2 V9). The cost is \$25. For updated details go to <http://www.tridug.org/>

IBM is offering a free DB2 (z/OS) Technical Seminar – Learning How to get ready for DB2 V9.

Visit ibm.com/software/zseries/db2seminars to view the abstracts for the presentations, see the agenda, and register for the RTP seminar.

The next SIRDUG meeting (Charlotte/Concord, NC) will be a Bonnie Baker Educational Seminar. Bonnie will present “Explain Explained”.

For meeting details go to http://sirdug.org/Bonnie_Baker_August_24_2007.htm

Cost : \$210

Please register by August 17th midnight.

CDB Parameter - +PAGEUSE

- CDB tries to maximize its use of parallel processing.
 - Tablespaces and indexes
 - Partitions
- Percentage of available slots that can be used during parallel
- Default is 50%
- Defined in the RRGPARMS DD statement (SuperReorg System Parameters)

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Be aware of the parallel processing when doing multiple reorgs, which includes tablespaces and indexes and partitioned tables.

In this example, the Percentage has been reduced to 10%.

+PAGEUSE(10)

Bonnie Baker Podcast

- Synchronous vs. Asynchronous
- Mainview for DB2
 - Page Set I/O by Buffer Pool
 - PSBPSZ

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You can apply Bonnie's explanation of Synchronous vs Asynchronous I/O directly to your Buffer Pools by viewing the Mainview for DB2 Screen PSBPSZ in your DB2 subsystem.

Bonnie Baker Podcast

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30JUL2007 08:19:35 -----MAINVIEW WINDOW INTERFACE (V5.0.05) (MAX)-----
COMMAND ==>
CURR WIN ==> 2      ALT WIN ==>
>M2 =PSBPST-----DB01-----30JUL2007=08:19:35=MTDB2=0=19-----

```

Bfprpl ID	DB2 Target	Nr. PSs	VP Current	VP Changed	Total I/Os	VP Max (1 PSet)	VPMaxChg (1 PSet)	HP Max (1 PSet)	Tot I/O %	Sync I/Os	Async I/Os	Async Pages	VP Pool Size	HP Pool Size
BP0	DB01	185	4000	29	362065	3090	222	0	9.9	285108	76957	2976842	4000	
BP2	DB01	17	1000	2	774	1000	10	0	0.0	259	515	30219	1000	
BP20	DB01	422	20000	171	311400	15638	54	0	8.5	186730	124670	5949193	20000	
BP21	DB01	441	20000	201	247046	12130	103	0	6.8	187112	59934	2706499	20000	
BP22	DB01	261	56000	849	627220	30862	1198	0	17.2	336027	291193	16706667	56000	
BP23	DB01	385	56000	728	872811	22648	864	0	23.9	493312	379499	21346311	56000	
BP24	DB01	127	12792	0	239307	5294	1	0	6.6	226979	12328	353728	13000	
BP25	DB01	148	6982	0	320762	1211	1	0	8.8	320436	326	9795	7000	
BP26	DB01	12	6000	9	144097	1443	9	0	4.0	110096	34001	2082357	6000	
BP27	DB01	1	3000	17	16696	3000	27	0	0.5	10383	6313	356254	3000	
BP28	DB01	2	60000	30	14505	44434	40	0	0.4	11434	3071	154790	60000	
BP29	DB01	2	9000	2	28585	7264	6	0	0.8	25931	2654	58750	9000	
BP30	DB01	34	1500	39	26058	1468	33	0	0.7	21493	4565	213806	1500	
BP31	DB01	44	1500	31	10436	1496	41	0	0.3	8513	1923	85831	1500	
BP32K	DB01	7	250	5	5285	246	9	0	0.1	3727	1558	4085	250	
BP34	DB01	39	6000	14	281394	5492	15	0	7.7	179527	101867	4672784	6000	
BP35	DB01	61	8000	210	101085	5253	14	0	2.8	67533	33552	985261	8000	
BP7	DB01	3	7998	1188	34963	7916	2141	0	1.0	942	33921	481173	8000	
BP8K1	DB01	1	987	50	283	987	100	0	0.0	15	268	2526	1000	

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This is a view of the screen from Mainview for a particular subsystem.

Open Discussion

- Status of Emailed Alert report/Questions?
- Status of the DB2 Checklist
- New items for discussion

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This is your opportunity to share your experiences and suggest DB2-related topics you would like to see included in the DB2 Users Group.

References

- [DB2 UDB V8 Manuals](#)
- [Handouts from previous meetings](#)
- Articles of interest
 - [DB2 CPU and Response Metrics](#)
 - [DB2 9 Fundamentals Certification](#)

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DB2 UDB V8 Manuals :

<http://www-306.ibm.com/software/data/db2/zos/v8books.html>

Handouts from previous meetings:

<http://sccw.its.state.nc.us/db2ug/db2ug.html>

Article of Interest:

DB2 CPU and Response Metrics

<http://www.zjournal.com/index.cfm?section=article&aid=810>

DB2 9 Fundamentals Certification

http://www.db2mag.com/blog/main/archives/2007/06/db2_9_fundament.html