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EPV Technologies Newsletter

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May 2016

- Tech Papers - DB2 and Memory Exploitation - Part 2
- Tech News - Third z/OS Knights tournament
- Tech Notes - Blocked Workload Support

Every month we will invite Newsletter readers to send us the solution to a simple logic test. The editorial staff will collect the results and at the end of the year we will send a symbolic prize to the participant with the highest number of correct answers. In case of a tie the winner will be chosen by drawing.

The real prize is that he will also decide the NGO EPV Technologies will donate 1.000,00 Euro to, choosing from: MSF (www.medicisenzafrontiere.it), TDH (www.terredeshommes.it) and WWF (www.wwf.it).

When Logic Matters

The solution of April 2016 quiz is : B



A ball is made of 20 hexagonal patches and 12 pentagonal patches.
how many seams can be counted on the ball?

Tech-papers

DB2 and Memory Exploitation - Part 2

For many years z/OS and DB2 system programmers have been fighting for memory: the first to defend the limited amount of memory available on the system, the latter to try to enlarge the DB2 pools in order to improve performance.

Thanks to the technological evolution this fight should make no sense anymore. A huge amount of memory is now available to the z/OS systems and subsystems and, with the z13 machines, the memory price has also become three times cheaper than the previous machine generation.

However old habits are very difficult to change so it's still pretty common to see DB2 subsystems suffering for lack of storage even if a lot of memory is available, and unused, in the z/OS system.

It's important to be aware that DB2 memory exploitation can provide:

- better application performance;
- reduced I/O activity;
- reduced CPU consumptions.

In this paper we will discuss the available measurement which can be used to understand if DBD, Skeleton pools, Global Dynamic Statement Cache and Buffer Pools performance can be improved by exploiting the available memory.

If you want to receive the paper you can reply to this e-mail writing "DB2 and Memory Exploitation - Part 2" in the subject

Tech-news

Third z/OS Knights tournament

The Third z/OS Knights tournament will be held at IBM z Systems Technical University in Munich on 13-15 June 2016.

Come and test your z/OS skills at EPV Technologies booth.
You could also win a Sony SmartWatch 3!

As every year EPV Technologies will contribute to the conference contents with many presentations:

- Evolution of CPU and zIIP usage inside the DB2 system address spaces
15:00, Tuesday 14 June, room Nero
- HIS counters for z13 Capacity Planning and Performance Analysis
08:45, Wednesday 15 June, room Barcelona
- Lost in the SMT World
15:00, Thursday 16 June, room Sydney
- Input Data for z/OS Performance Analysis and Tuning Workshop - Part 1
08:45, Friday 17 June, room Athens
- Input Data for z/OS Performance Analysis and Tuning Workshop - Part 2
10:00, Friday 17 June, room Athens
- Input Data for z/OS Performance Analysis and Tuning Workshop - Part 3
11:30, Friday 17 June, room Athens

EPV Technologies will also be Silver Sponsor of the conference.

Don't miss this event.

Conference information at

<http://www-304.ibm.com/jct03001c/services/learning/ites.wss/zz/en?pageType=page&c=P595822W91230R00>

Tech-notes

Blocked Workload Support

z/OS 1.9 introduced new support to improve z/OS availability. The support, called blocked workload support, is intended to allow small amounts of CPU to be allocated to workloads which are CPU starved. This support will be rolled back to both z/OS 1.8 and z/OS 1.7. This document describes this new support and discusses the processor capacity which will be potentially allocated to the function. Also this flash will discuss new recommendations which are being made which will change the recommended default settings for this function for all applicable releases.

More details at: [http://www-](http://www-03.ibm.com/support/techdocs/atmastr.nsf/WebIndex/FLASH10609)

[03.ibm.com/support/techdocs/atmastr.nsf/WebIndex/FLASH10609](http://www-03.ibm.com/support/techdocs/atmastr.nsf/WebIndex/FLASH10609)

Quote of the month



" You say that emotions are overrated. But that's bullshit. Emotions are all we've got."

Youth



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