What are the compelling advantages of Spin Transfer / MRAM?

What are the drivers pushing emergence / adoption of Spin Transfer / MRAM?

What is Spin Transfer / MRAM and why do I care?

SSSI also is happy to welcome two new members:
- Gillware (www.gillware.com)
- Kaminario (www.kaminario.com)

SSSI TechDev Committee

Guest Speaker: Meets on 1st Monday of the month at 2 pm.

Guest speaker next generation NVMe storage for Feb. 2, 2015:
Speaker: Barry Hoberman, CEO - Spin Transfer Technologies, Inc.
Topic: “Spin Transfer MRAM - Why It Will Soon Become Mainstream”

What is Spin Transfer / MRAM and why do I care?
What are the drivers pushing emergence / adoption of Spin Transfer / MRAM?
What are the compelling advantages of Spin Transfer / MRAM?

Calypso measures record breaking IOPS on a single RAM Disk

Calypso reported measuring 3.0 Million and 4.3 Million RND 4K Write & Read IOPS on a single Linux RAM Disk Block IO test. This is reported to be the highest IOPS rate measured by Calypso to date, far in excess of traditional classes of NAND flash storage. RAM Disk Block IO tests are valuable as they show the potential performance of in-memory storage such as NVMe flash storage and NVM memory mapped Load & Store storage. The latest movement to ‘in-memory’ storage presents the potential for very high performance for computationally intensive applications and advanced storage tiering strategies. In-memory storage takes advantage of faster memory lanes and closer proximity to the CPU thus increasing performance and decreasing response times.

Calypso will present these findings at Feb. 6, 2015 NVDIMM SIG committee call so you won’t want to miss it!

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