

HILLGANG

The DC VM & Linux Users' Group



Announcing the 12th Meeting of the new Hillgang

- Date: April 24, 2008
- Location: Computer Associates
2291 Wood Oak Drive
Herndon VA
- Time: 8:30 for 9:00 until 1pm

AGENDA

- Breakfast – Brought to you by: IBM
- Decimal Arithmetic – Mike Cowlshaw
- System Cloning – Jim Moling US Treasury

- An introduction to the z10 – Harv Emery, Executive IT Specialist, IBM
- Update on OpenSolaris on System z

ABSTRACTS

Changing the way computers compute

Most numeric data in commercial and human-centric applications are decimal, and floating-point decimal increasingly important as these applications become ever more complex. Benchmarking has indicated that some applications spend a considerable amount of time in decimal processing, and IBM has now implemented decimal floating-point in z9 microcode, z10 hardware, Power6 hardware, and in many software products.

In this talk, Mike will cover:

- Why decimal arithmetic is increasingly important
- Why IBM has added hardware support
- The decimal floating-point formats and arithmetic, derived from Rexx, which is in the IEEE 754 draft, z/VM, z/OS, DB2, C and other products
- How to exploit the new hardware and software in Java and C.

Please see: <http://www2.hursley.ibm.com/decimal> for details and an FAQ.

Mike Cowlshaw has worked in both hardware and software design and is the leader of the IBM decimal arithmetic initiative. He is the author of the Rexx programming language and has long been interested in the human aspects of computing, including languages, color perception, text processing, and decimal arithmetic. He is an IBM Fellow, a Fellow of the Royal Academy of Engineering, and a Visiting

Professor in the Department of Computer Science at the University of Warwick.

System Cloning – Principles and Practice

There is plenty of information available for cloning Linux guests and even z/OS guests but what about cloning entire VM systems? For instance - you have a need for two VM environments (one for virtual servers and another for z/OS D/R including XRC DASD mirroring) in two different data centers, for a total of 4 VM systems. How can you save time and effort? Build one and clone it! Come and hear how a customer adopted the philosophy that he has been employing for z/OS for a long time and now has developed for his VM systems. The talk will include how to maintain one VM system and 'roll' the updates out to other VM systems with including large systems into their curriculum.

IBM System z10 Enterprise Class Overview

In this session the speaker, will present an introduction to and overview of the just-announced IBM System z10 Enterprise Class (EC) server. The session will provide considerable technical detail on new System z10 EC design and function in the areas of the processor chip, book structure, memory offering and overall system structure. It also will provide a brief overview of the System z10 EC I/O structure, including the introduction of InfiniBand coupling links for Parallel Sysplex.

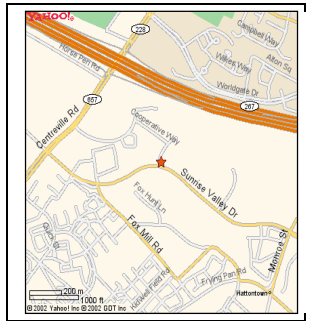
Free for All

Free for all discussion.

PARKING

Parking is available in CA parking lot. Please go to the main entrance of the building and register at the front desk.

HOW TO GET THERE



TO RSVP

Send mail to hillgang@vm.marist.edu indicating that you will be attending and if you have any special dietary issues.

To join the HillGang mailing list and receive further announcements about HillGang meetings send email to listserv@vm.marist.edu with the words:

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subscribe hillgang firstname lastname
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in the BODY of your message (not the subject line).

You will receive a confirmation message with information about confirming your subscription.

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