



# SCO TEC FORUM 2008

Strength. Commitment. Opportunity.

- **The iXorg - SCO Community Initiatives**
- **Updating the SCO Solution Directory & Hardware Certification Status**

## Speakers:

**Bob Ungaretti**, President, iXorg  
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**Michael Brown**, Technical Director, iXorg  
The Kingsway Group, Toronto - [mike@tkg.ca](mailto:mike@tkg.ca)

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Paul Hurford, SCO Dir. Hardware  
Strategies - [paulhu@sco.com](mailto:paulhu@sco.com)



For this session your presenters are:

## SCO iXorg Community Initiative

**Bob Ungaretti** – President iXorg

**Michael Brown** – Technical Director, iXorg

**Deepak Thadani** - Vice President, iXorg

## SCO Presentation

**Paul Hurford** – SCO Director, Hardware Strategies



- Welcome
- iXorg - SCO Community Objectives for 2008-2009
  - What is the SCO Community?
  - What has been accomplished in 2008?
  - Who can participate in this initiative?
- Software, Servers & Hardware
  - Star Wars & SCO
  - Software for SCO Platforms - The SCO Solutions Directory
  - New Technologies on the horizon
    - 6Gb SAS
    - 4GB Fibre Channel
    - Intel Nehalem Processors
  - Q&A
  - 2007-2008 Hardware Summary

## A “Brief” History of iXorg

### Who are we?

- - Timeline:
- 1989 - SCO Forum APC BOF meeting
  - 1990 - Formally organized APC Open
  - 1998 - Changed name to APC International
- 2000 - Changed name to iXorg
- We are the SCO “Champions”
- iXorg Test-Fests
- Working for SCO on funded projects
- Our future



## Mission statement

**The objective of the SCO Community is to identify common goals, and through discussion and consensus, develop a process to allow efficient sharing of knowledge, skills and projects.**

- Started with the iXorg reseller group
- Desire for more efficiency, knowledge and skills
- Addressing niche markets with custom solutions
- Challenge to stay current with technology
- Yearly focus meeting with SCO management
- Hands on learning conferences
- Private support email groups
- Beta release and patch testing

- SCO Community appeals to a broader base
- Web based collaboration tools
- SCO Solution Directory
- Special interest groups
- Formal communication channels
- Long term focus



So... what does Star Wars have to do with this Forum presentation?

Other than fighting the Evil Empire – nothing much.

But what would the movie have been like if other characters played some of the starring Jedi roles?

We'll find out!



## Software for SCO Platforms

- **The SCO Solutions Directory** (a well hidden resource)
  - <http://www.sco.com/developers/solutions/>
- History – With the Caldera-SCO union, databases from both companies had to be merged.
- With massive home page changes – the Solution Directory went missing for some time, and became nearly invisible to customers visiting the SCO web site
- In February a new team took over ISV software partners and the missing was found
- It was also in really bad shape, broken, difficult to use, hard to understand, and the UI was abysmal. So – we decided to fix it

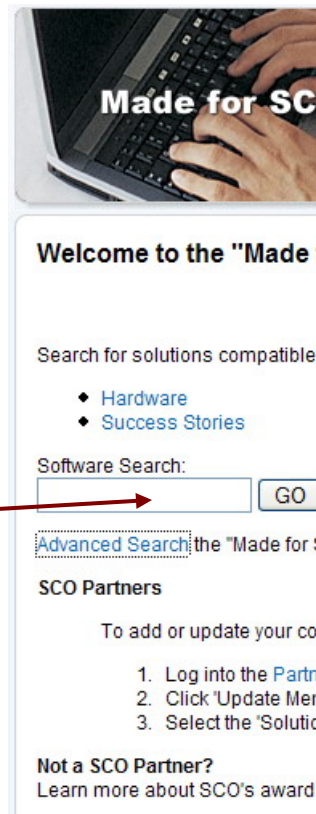
## Old Solution Directory opening screen

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This page seems to have been intended only for Developers and VSPs

The only place to see what applications were compatible was to enter a *string* here

The result(s) of any search left you scratching your head



Made for SCO

Welcome to the "Made for SCO"

Search for solutions compatible with:

- Hardware
- Success Stories

Software Search:  GO

[Advanced Search](#) the "Made for SCO"

SCO Partners

To add or update your company information:

1. Log into the Partner Center
2. Click 'Update My Profile'
3. Select the 'Solution' category

Not a SCO Partner?  
Learn more about SCO's award winning solutions



Darth Homer as Vader



# New Solutions Directory Opening Page

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This page is really a multi-function page. It is for Customers, and SCO developers.

If you are a developer – you can login here. The information you are looking for is right under the banner

Three ways to search

- Alphabetical by App
- Alphabetical by Vendor
- Advanced search - not quite yet!

Home News Room Company Locations

PLATFORMS PRODUCTS SERVICES SUCCESSES PARTNERS SUPPORT

Welcome to  
The SCO Solutions Directory

> ENROLL NOW  
> REGISTER PRODUCTS  
> THIRD-PARTY SOLUTIONS  
> SCO UPDATE  
> REQUEST A SALES CALL

Welcome to the "Made for SCO" Solutions Directory

Select your Search Criteria

- Alphabetical Listing by Vendor Name showing application names
- Alphabetical Listing by Application Names showing Vendor Name
- Advanced Search by Industry or Category of Application desired.

Search

Other Search Options

- ◆ [SCO Certified Hardware Platforms and Peripherals](#)
- ◆ [SCO Success Stories](#)
- ◆ [SCO Partner Login](#)
- ◆ [Join the SCO Partner Program](#)

DEVELOPER RESOURCES

- [Developer Home](#)
- [Login](#)
- [Product Documentation](#)
- [Downloads](#)
- [Help Desk](#)
- [Membership](#)
- [Migration Portal](#)
- [Newsletters](#)
- [Partner Resources](#)
- [Products & Tools](#)
- [Subscription Services](#)
- [Technical Support](#)
- [Training](#)

DEVELOPER DIRECTORY

- [Search Software Directory](#)
- [Search Hardware Directory](#)
- [Review Success Stories](#)

RELATED TOPICS

- [Add a Solutions Listing](#)
- [Locate Partner Programs](#)
- [Ask Help Desk](#)

Contact SCO Legal Privacy Download Product Registration Documentation Legal Filings Knowledge Center



- Since then – the SCO Solution Directory has gone through many changes. The UI is understandable, and you can get the information that you want easily
- At this time – SCO and iXorg are working together to qualify all of the Solutions in the directory. 720 of the thousands of solutions were hidden for many years
- By January 2009 we plan on making the Solution Directory highly visible on our the SCO Web site by adding the URL anywhere the Hardware directory is listed. The URL will remain the same as it is today – it will just become another useful tool for you to use to help your business grow
- When complete – you will also be able to **Google™** SCO applications from your own web browser

- New Technologies on the horizon
  - 4GB Fibre Channel
  - 6Gb SAS
  - Intel i7 - Nehalem Processor Family



Herbie Imperial Walker



George Forman - Jedi

- Qlogic's 4 GB/sec Fibre Channel is in development for SCO OpenServer and UnixWare Platforms.
- This driver will be released from SCO in Q2-2009
- Once completed, HP has pledged to certify the new MSA 2000 series SANs. HP stopped supporting the 2GB FC devices last year around this time.
  - Qlogic continues to produce 2GB/sec devices and at this time they are not scheduled for retirement.
- The IBM BladeCenter S now with integral SAN support – will use the 4GB/sec Qlogic driver as well – but also supports the current Qlogic 2GB/sec drivers.

**6Gb/s SAS** is the marketing term the **SCSI Trade Association** (STA) gave to the industry standard based on the SAS-2 specification

- 6Giga bit SAS is the next natural evolutionary step for SAS
- 6Gb/s data transfer rates and self-configuring expanders
  - allows the expanders to discover topology changes rather than having to rely on the host controllers
- 6 Gig SAS offers a 2X increase in speed
- SAS was originally intended for internal and external direct-attached storage (**DAS**) environments
- SAS brings new features that are opening up the possibility of SAS in **SAN-like** deployments – and are shipping in some blade servers.
- SAS is a competitive alternative to fibre-channel – especially for Tier 2 Storage
- Cable length may be expanded to 10 meters
- New Zoning is equivalent to LUN Masking in fibre-channel



- SCO is planning on receiving its first 6Gb SAS driver in late Q4-2008 in beta form. Other drivers will follow.
- This driver will be tested by SCO first using our 'hbacert' test suite
- Hardware, drivers and peripheral components for 6Gb SAS will dribble in to all OSV software vendors for testing.
- Full release to the market of all hardware components and servers is not really anticipated until late summer and fall 2009



Jay & Silent Bob - Jedi



- **New 45nm Intel® Dynamically Scalable microarchitecture**
- 15 new processors will be delivered using this technology
- **Design and performance scalability** for server, demands with support for 2-8+ cores and up to 16+ threads with **simultaneous multi-threading (SMT)**, and scalable cache sizes, system interconnects, and integrated memory controllers.
- **Scalable shared memory** of Intel **QuickPath technology** features memory distributed to each processor with integrated memory controllers and high-speed point-to-point interconnects to unleash the performance of next-generation Intel® multi-core processors.



Nehalem, Oregon the Processors name sake

- SCO is working with Intel and other OEMs on providing support for this new microarchitecture on UnixWare and OpenServer 6 platforms.
- To date: SCO has installed OpenServer on a prototype OEM platform and the installation went effortlessly.
- As soon as platforms are available as Software Development Vehicles from Intel – these new server boards will be fully tested.

# Q & A



Sean - Yoda

**2007 – 2008 Hardware  
Popularity  
Top 30 Servers**



Woody Allen as C3PO

# Popular Server Summary Aug. 2007- Aug. 2008

## Top 15

SCO TEC FORUM 2008

Corporate Name	Model Name	Create Date	Ranking
Hewlett-Packard Company	ProLiant ML310 G5	28-Jul-08	1
ASUS Tek Computer, Inc.	Asus F8SN	6-Aug-08	2
Dell Computer Corporation	PowerEdge 2950	10-Sep-07	3
IBM	System x3400 (7975/7976-16Y)	26-Feb-07	4
Hewlett-Packard Company	ProLiant DL380 G5	16-May-08	5
Dell Computer Corporation	PowerEdge 2950 III	27-Mar-08	6
ASUS Tek Computer, Inc.	Asus F8Vr	12-Aug-08	7
Hewlett-Packard Company	ProLiant ML350 G5	10-Jan-07	8
Hewlett-Packard Company	ProLiant ML350 G5	21-May-08	9
Hewlett-Packard Company	ProLiant ML150 G5	14-Jan-08	10
Dell Computer Corporation	PowerEdge 2900	16-Oct-06	11
Intel Corporation	MFS5000SI Modular Server	28-May-08	12
Hewlett-Packard Company	ProLiant DL380 G5	22-Dec-06	13
Dell Computer Corporation	PowerEdge 1900	22-May-07	14
Dell Computer Corporation	PowerEdge 1950 III	18-Jan-08	15

# Popular Server Summary Aug. 2007- Aug. 2008

## Top 15 - 30

SCO TEC FORUM 2008

Corporate Name	Model Name	Create Date	Ranking
Hewlett-Packard Company	ProLiant ML350 G5	24-Jul-06	16
Hewlett-Packard Company	ProLiant ML370 G5	15-May-08	17
Intel Corporation	S3200SHL	16-Jan-08	18
Hewlett-Packard Company	ProLiant ML150 G3	25-Jul-07	19
Intel Corporation	S3000AHLX	13-Dec-07	20
IBM	System x3200 (4362-57Y)	28-Jan-07	21
Hewlett-Packard Company	ProLiant ML310 G4	29-Sep-06	22
Hewlett-Packard Company	ProLiant DL580 G5	14-May-08	23
Hewlett-Packard Company	ProLiant ML370 G5	23-Jan-07	24
Intel Corporation	S5000PSLROMB	3-Aug-07	25
Hewlett-Packard Company	ProLiant ML150 G3	25-Jun-06	26
Hewlett-Packard Company	ProLiant ML350 G5	17-Jul-06	27
Hewlett-Packard Company	ProLiant DL380 G5	7-Jul-06	28
IBM	System x3650 (7979-4AZ)	23-Mar-07	29
Fujitsu Siemens Computers	PRIMERGY TX200-S3 (SAS)	10-Oct-06	30

**2007 – 2008 Hardware  
Popularity  
Top 30 storage  
devices**



Star Wars Gothic

# Popular Storage Summary Aug. 2007- Aug. 2008

## Top 15

SCO TEC FORUM 2008

Corporate Name	Model Name	Create Date	Ranking
Dell Computer Corporation	PERC 6/i SAS	4-Feb-08	1
Dell Computer Corporation	PERC 5/i SAS	10-Nov-06	2
Adaptec, Inc.	Adaptec RAID 5085	19-May-08	3
Hewlett-Packard Company	HP Smart Array E200i Controller	12-Mar-08	4
Intel Corporation	RAID Controller SRCS14L	24-Jan-03	5
Hewlett-Packard Company	HP SC44Ge Host Bus Adapter	12-Mar-08	6
Adaptec, Inc.	29160 Ultra160 SCSI	7-Aug-00	7
Hewlett-Packard Company	HP Smart Array P400 Controller	12-Mar-08	8
Adaptec, Inc.	Adaptec RAID 51245	19-May-08	9
Adaptec, Inc.	AAR-2020SA SATA RAID	19-Oct-04	10
Hewlett-Packard Company	Single Channel U320 SCSI HBA	12-Mar-08	11
Adaptec, Inc.	Adaptec RAID 5405	19-May-08	12
Hewlett-Packard Company	HP Smart Array E200 Controller	12-Mar-08	13
Hewlett-Packard Company	HP SC11Xe Host Bus Adapter	12-Mar-08	14
Adaptec, Inc.	Adaptec RAID 51645	19-May-08	15





# Popular Storage Summary Aug. 2007- Aug. 2008

## Top 15 - 30

SCO TEC FORUM 2008

Corporate Name	Model Name	Create Date	Ranking
LSI Logic Corporation	MegaRAID SAS 8300XLP	10-Nov-06	16
Hewlett-Packard Company	HP 8 Internal Port SAS HBA with RAID	12-Mar-08	17
Adaptec, Inc.	29320-R Ultra320 SCSI Card	2-Jun-04	18
LSI Logic Corporation	MegaRAID SATA 150	24-Aug-04	19
Dell Computer Corporation	PERC4/Dc SCSI RAID	2-Jun-05	20
Adaptec, Inc.	AAR-2410SA SATA RAID	19-Oct-04	21
Adaptec, Inc.	Adaptec RAID 5445	19-May-08	22
Adaptec, Inc.	29160N Ultra160 SCSI	7-Aug-00	23
Adaptec, Inc.	29320A Ultra320 SCSI	24-Jul-03	24
Adaptec, Inc.	29320ALP Ultra320 SCSI	24-Jul-03	25
Hewlett-Packard Company	SMART SCSI Array Controller	1-Dec-96	26
LSI Logic Corporation	MegaRAID SATA 300-4X	5-Jun-05	27
Adaptec, Inc.	39160 Ultra160 SCSI	7-Aug-00	28
Adaptec, Inc.	Adaptec RAID 52445	19-May-08	29
Dell Computer Corporation	PERC3/Dc SCSI RAID Elite 1600	2-Jun-05	30

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