



Update On Scientific Linux

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Scientific Linux

- Witty Comment Here

Scientific Linux

- Presentation Overview
 - 2004 to the Present
 - The last six months
 - Brief on S.L.F.
 - What we are currently working on
 - What we see in the future
 - S.L. Discussions



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2004 to the Present

- The following statistics were gathered from <ftp.scientificlinux.org> log files
 - These numbers are the minimum. We know that they are higher.
 - These numbers are based on the yum and apt access to the errata

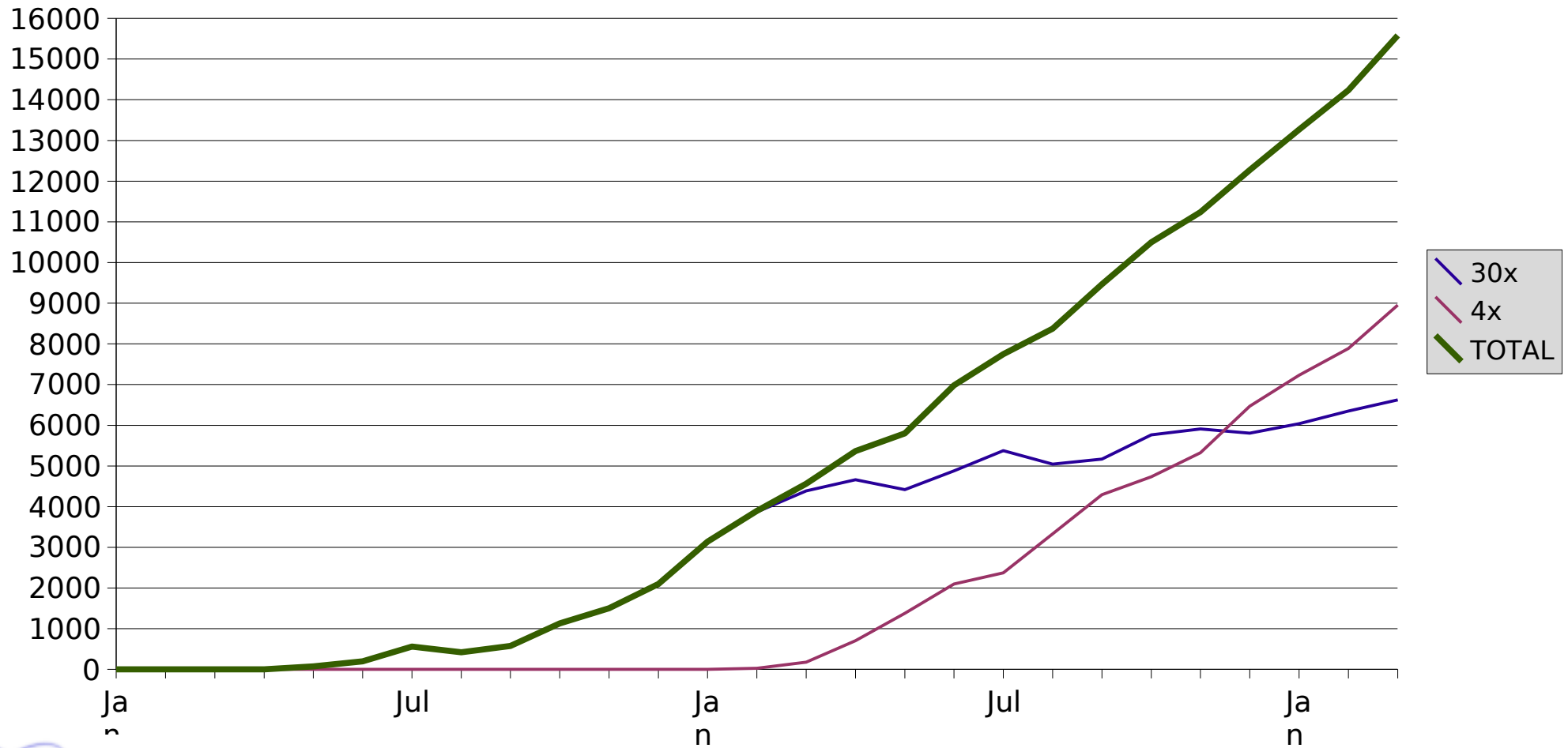


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2004 to the Present

Scientific Linux Computers - 2004 to Today

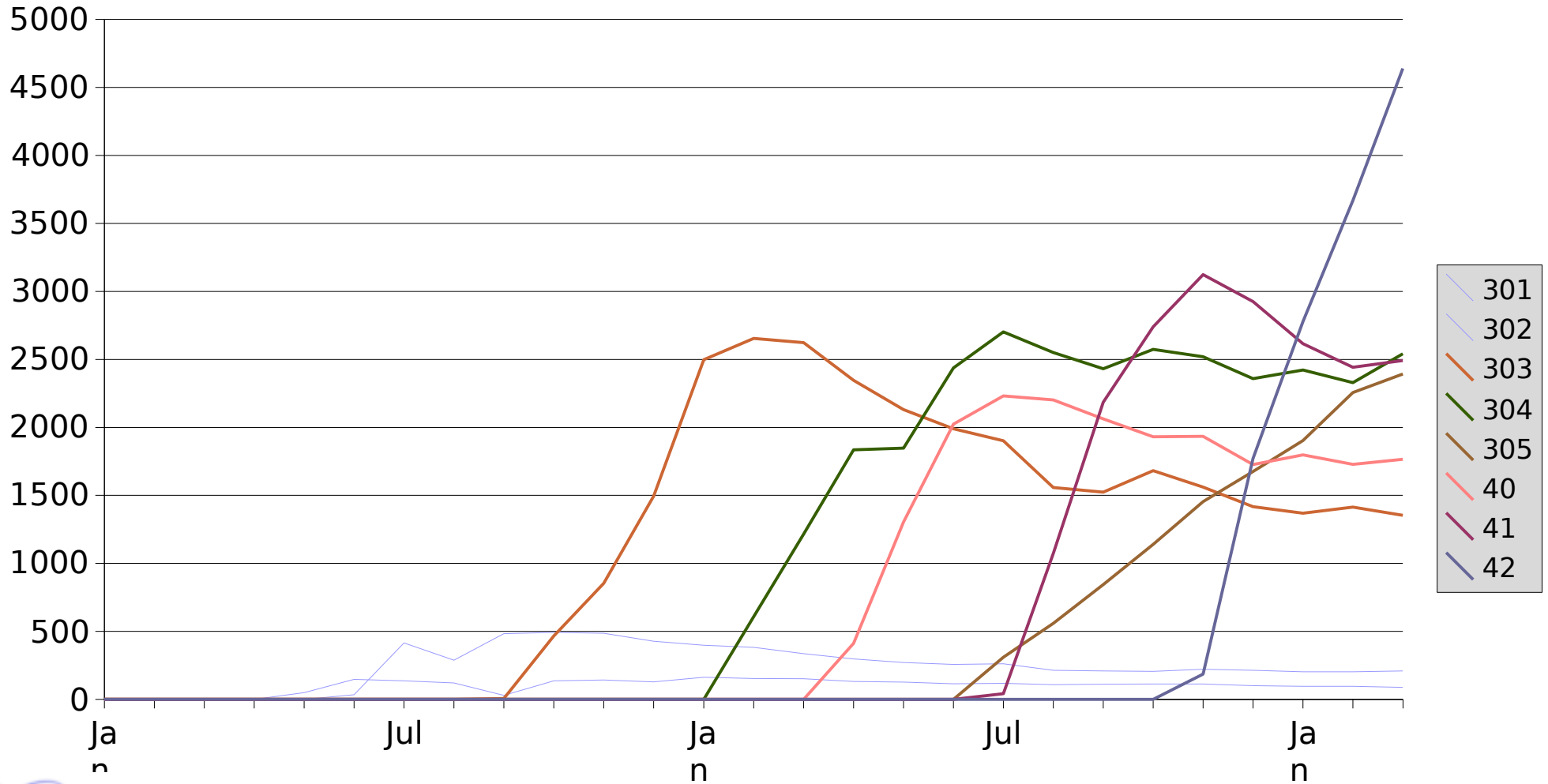


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2004 to the Present

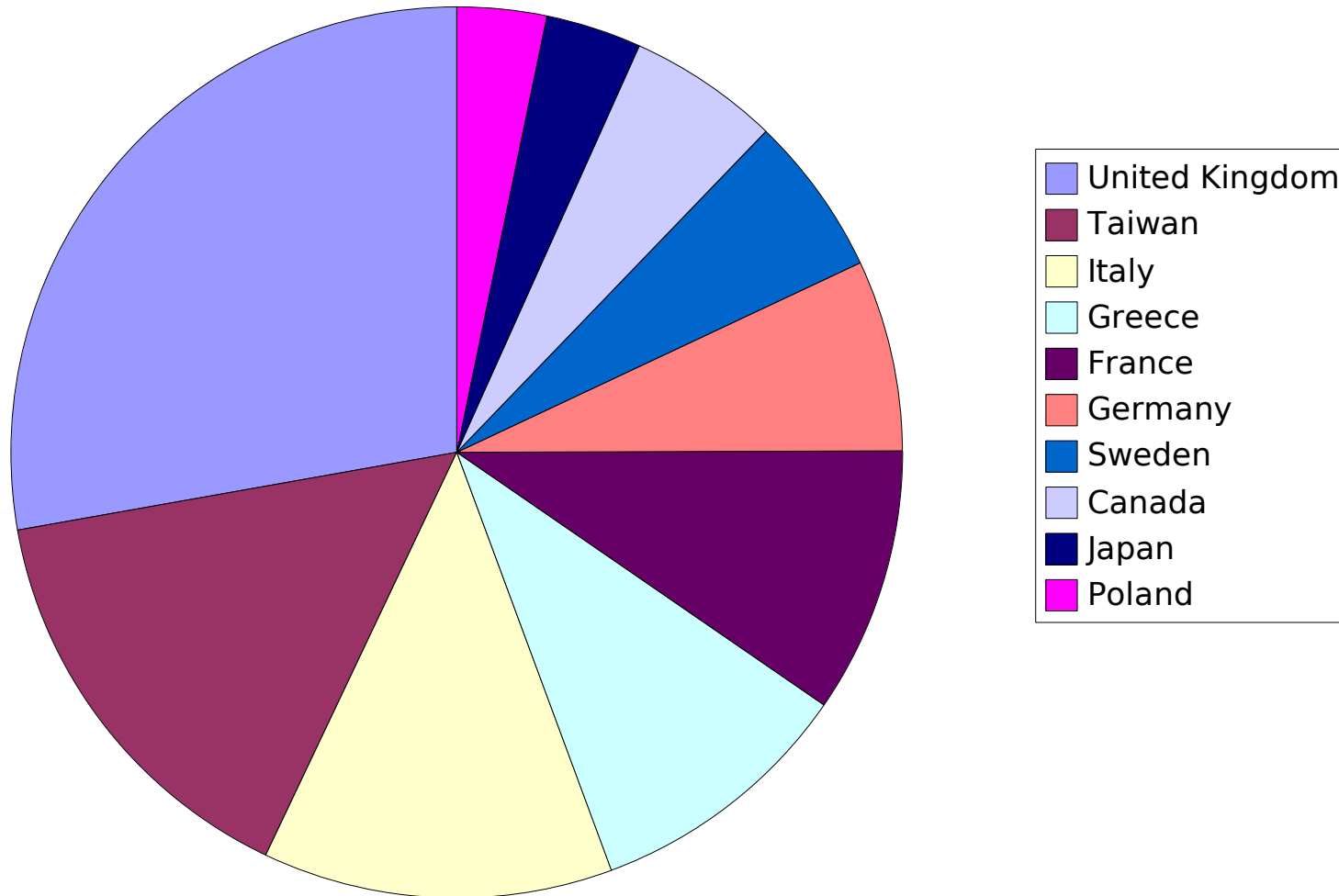
2004 to Present - By Individual Release



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Top 10 Downloads by MB by Country



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The Past Six Months

- S.L. 4.2 released – December 2005
 - For i386 and x86_64
- S.L. 4.3 Release Candidate
 - For i386 and x86_64
- S.L. 3.0.7 Beta
 - For i386
- Consistent errata released for all versions



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The Past Six Months

- Contrib Area has started to expand
- New Errata e-mail format
- Behind the scenes
 - Scripts written to assist with errata
 - Help with download, compile and verify
 - Help with making the e-mails
 - Working on replacing back end of `ftp.scientificlinux.org` from GFS on SAN to NAS



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The Past Six Months

- Issues from Fall 2005 Hepix
 - Scientific Linux 3.0.6 was skipped
 - Roadmap and “Whiteboard” pages made
 - Posted end of life date for S.L. 3.0.x
 - Posted that we would be doing S.L. 5
 - Daily updates when releases are in progress on the whiteboard.

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Brief on S.L.F.

- Released S.L.F. 4.2
 - Released for i386 and x86_64
- Moving users off unsupported Distro's
 - Working on the major holdouts
- Removed unsupported Linux distro's from distribution servers
- Working on SLIP, a hardware / software inventory structure
 - Based on OCS Inventory NG
<http://ocsinventory.sourceforge.net/>

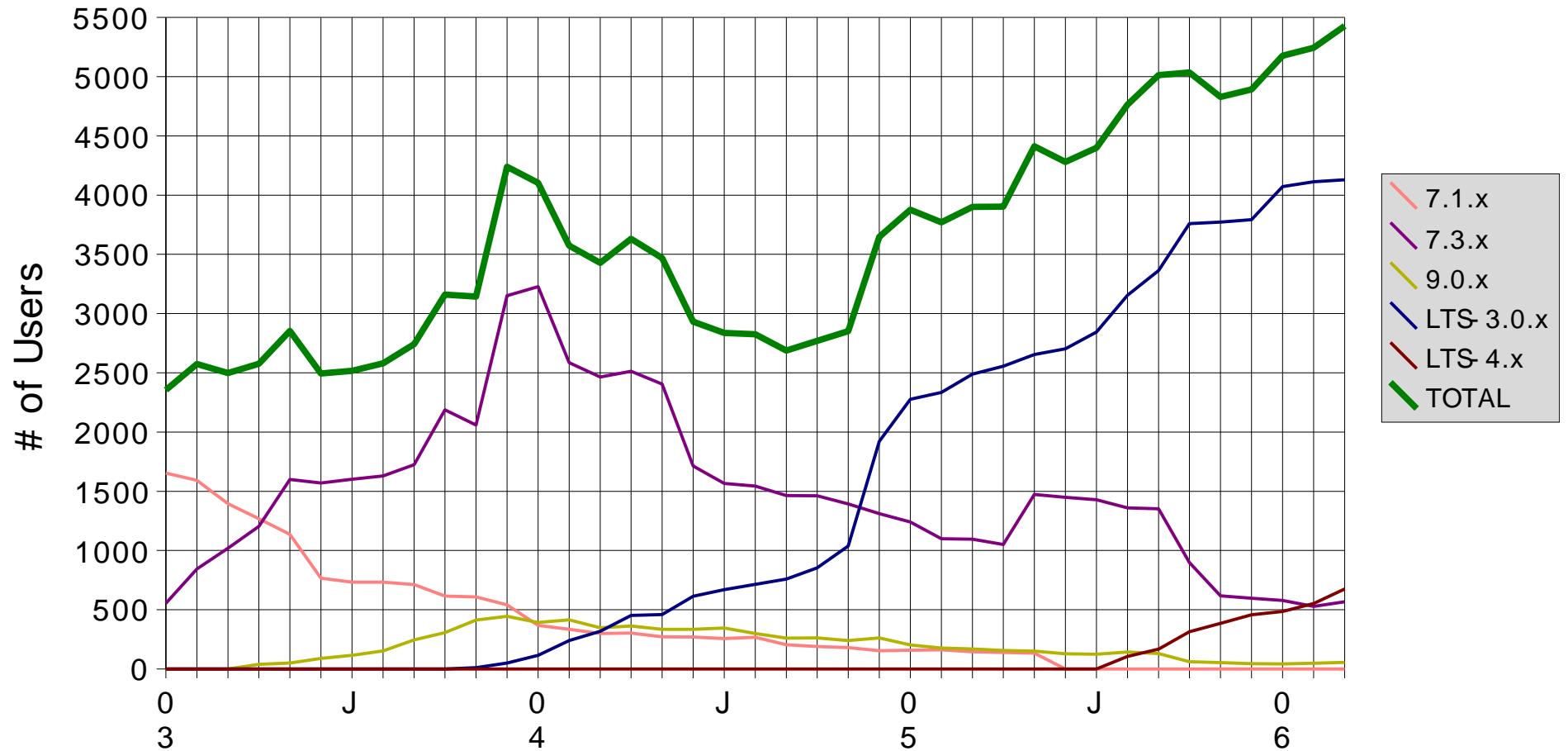


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Brief on S.L.F.

Fermi Linux Users



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what we are currently working on

- Scientific Linux 4.3
 - Based on RHEL 4 Update 3
 - Currently in Release Candidate form
 - Nothing dramatically new
 - New Yum and Graphical Yum
 - New OpenAFS
 - Not really new, just an updated script for a bug that Stephan found.



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what we are currently working on

- Scientific Linux 3.0.7
 - Based on RHEL 3 Update 6 & 7
 - Currently in Beta

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what we see in the future

- Scientific Linux 5.x
 - Dependant on RedHat's schedule
 - Will work to get it out as soon as possible
 - Doing preliminary work on Fedora Core 5
 - Researching Installer Changes

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what we see in the future

- Security support for S.L. 3.x
 - Still plan on following support schedule discussed at last Hepix
 - Will be doing a S.L. 3.0.8
 - (As long as Update 8 is the last RHEL 3 update)

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what we see in the future

- Removing Bug Tracker from website
- Bugfix Area getting more action
 - Due to RedHat's FastTrack policy
- Person coordinating scientific applications
 - Any volunteers?
- Person coordinating other applications
 - Any volunteers?



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Discussions

- At some point, CERN is going to be getting rid of their Itanium based machines.
 - Is there any other lab that want's to take up the ia64 release?
 - Are we OK with ending support for it?
- Is there any other hardware architecture that looks like we might need to support?



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Discussions

- What makes a release “Scientific Linux Compatible”?
 - This needs to be discussed so that users can have that warm fuzzy feeling.
 - Will also make it easier on site developers so that they will know 'as long as I don't do <blah>, my distribution will be compatible'
- Binary Compatibility



References

- <https://www.scientificlinux.org/>
- <ftp://ftp.scientificlinux.org/linux/scientific/>