



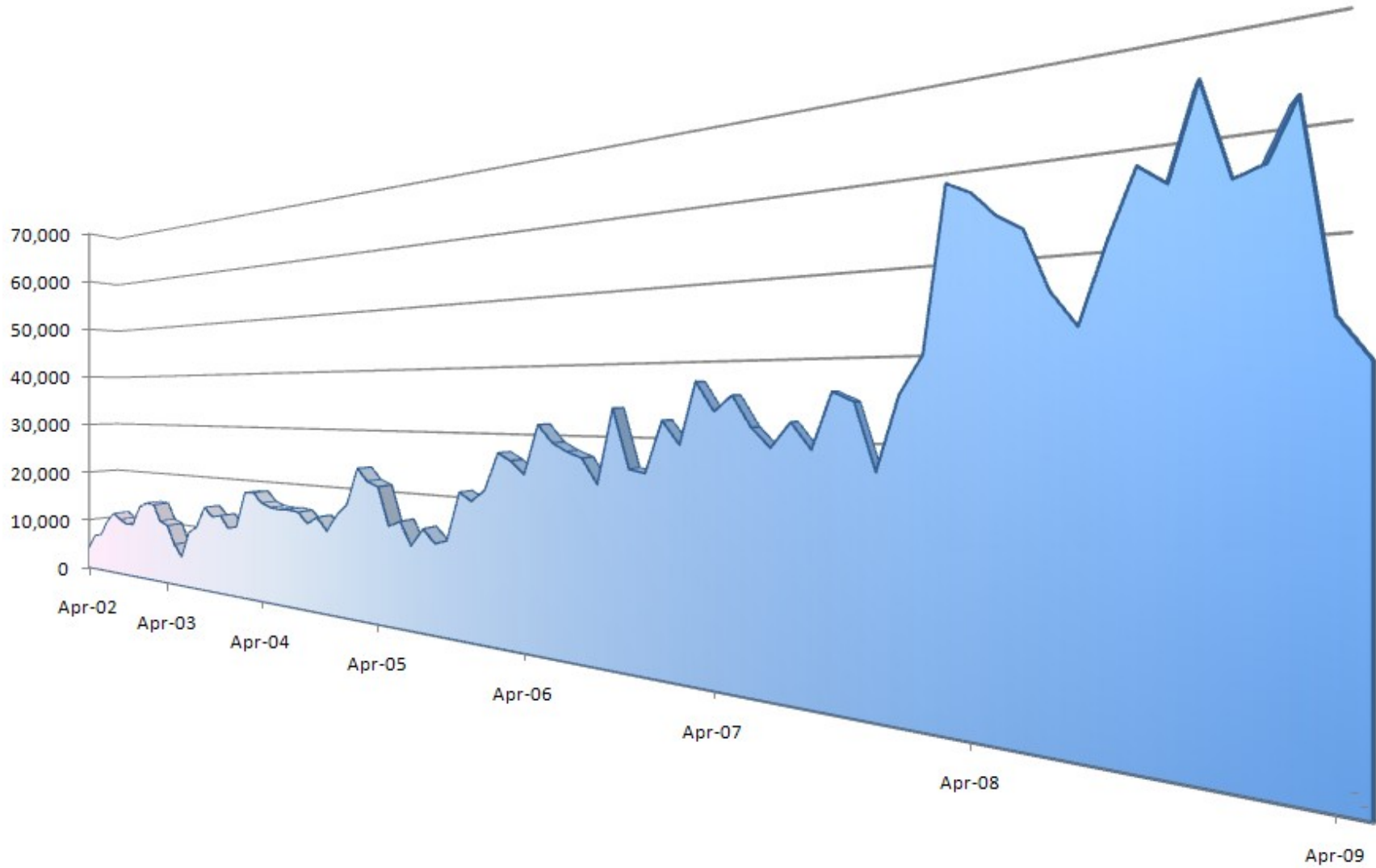
Nagios[®]
The Future:
Innovation, Collaboration,
Communication

Ethan Galstad
June 2009

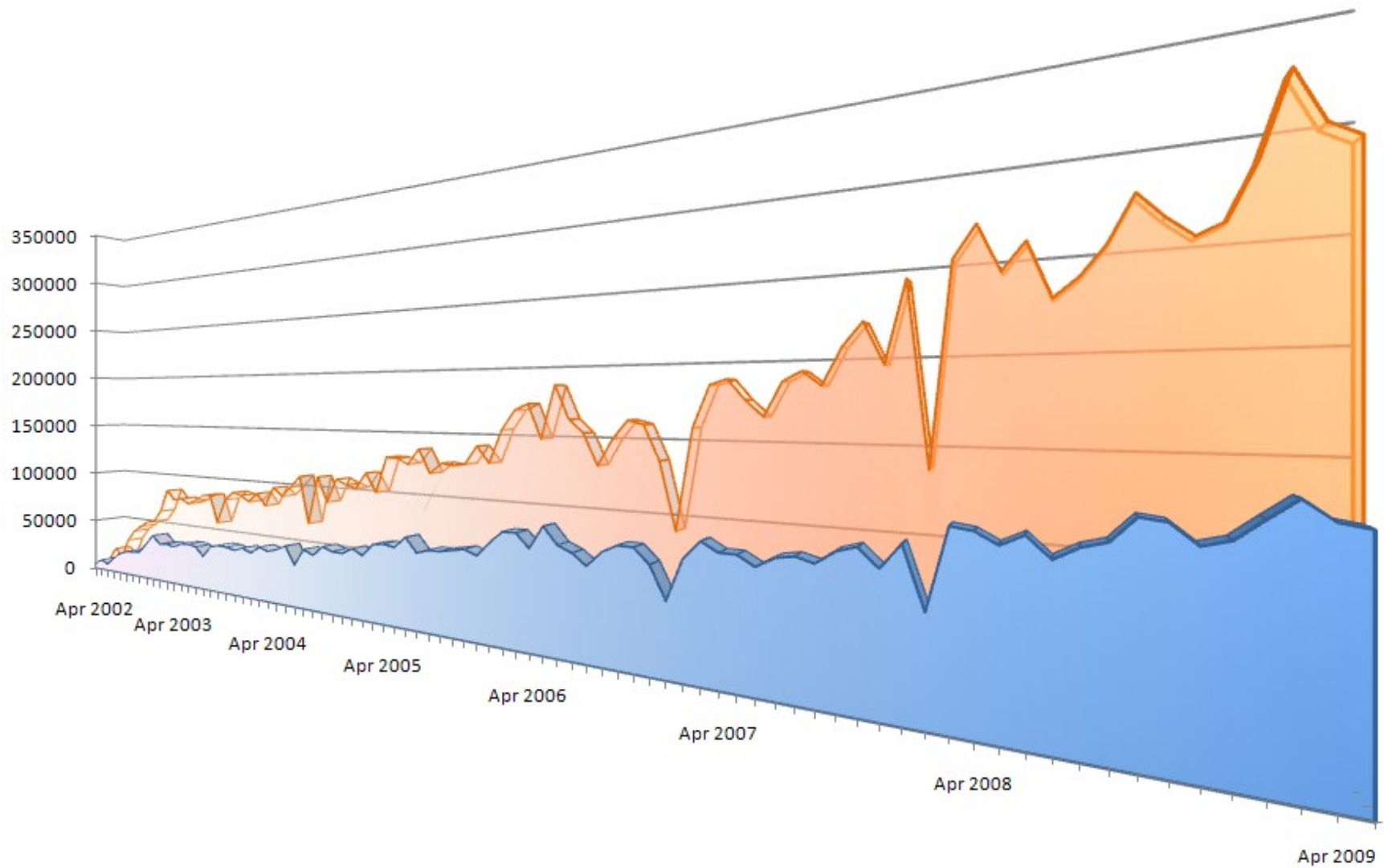
Past To Present

- 1996: Birth
- 1999: NetSaint
- 2002: Nagios
- **2009: Phenomenon**

Downloads



Visitors



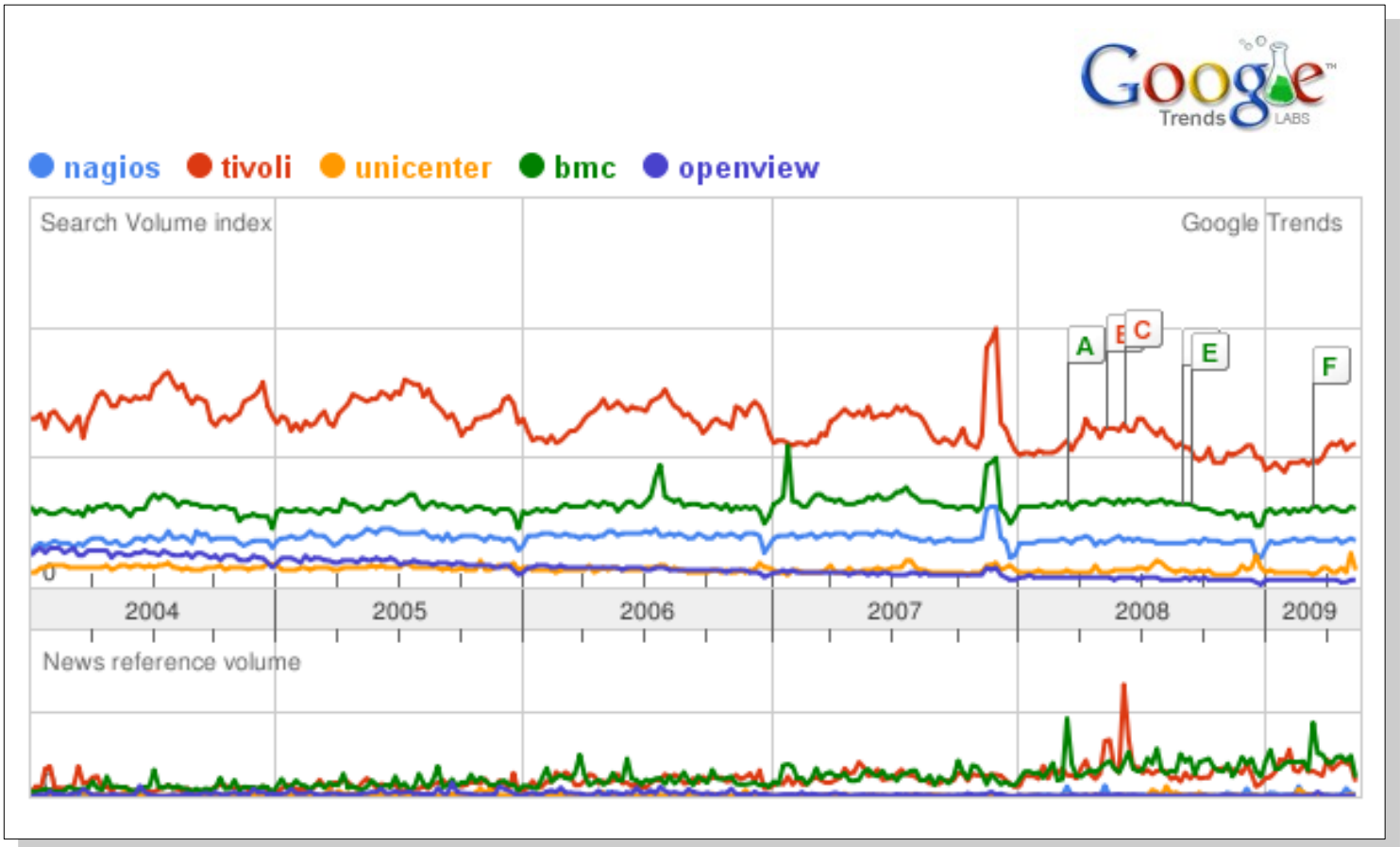
Search Trends



Computer Associates



invent



Enterprise Open Source



Choice Awards

Rocks | Lightning Hacks | Dojo | Nagios | VirtualBox | Privacy

LINUX JOURNAL

Build a High-Performance Compute Cluster with **Rocks**

Using **VirtualBox**, **JumpBox** and **Virtual Appliances**

Since 1994: The Original Magazine of the Linux Community
JUNE 2009 | ISSUE 182 | www.linuxjournal.com

AND THE WINNERS ARE...

2009 Readers' Choice

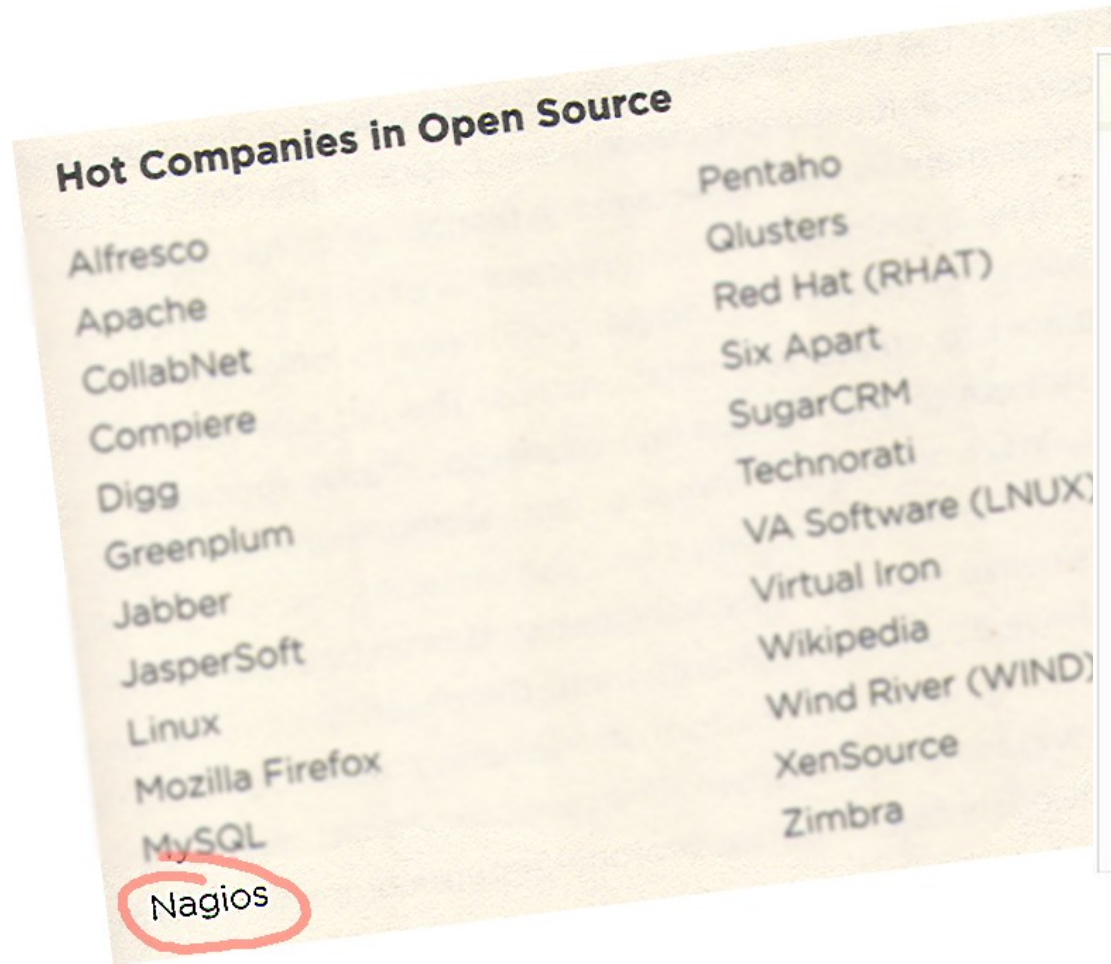


LINUX JOURNAL

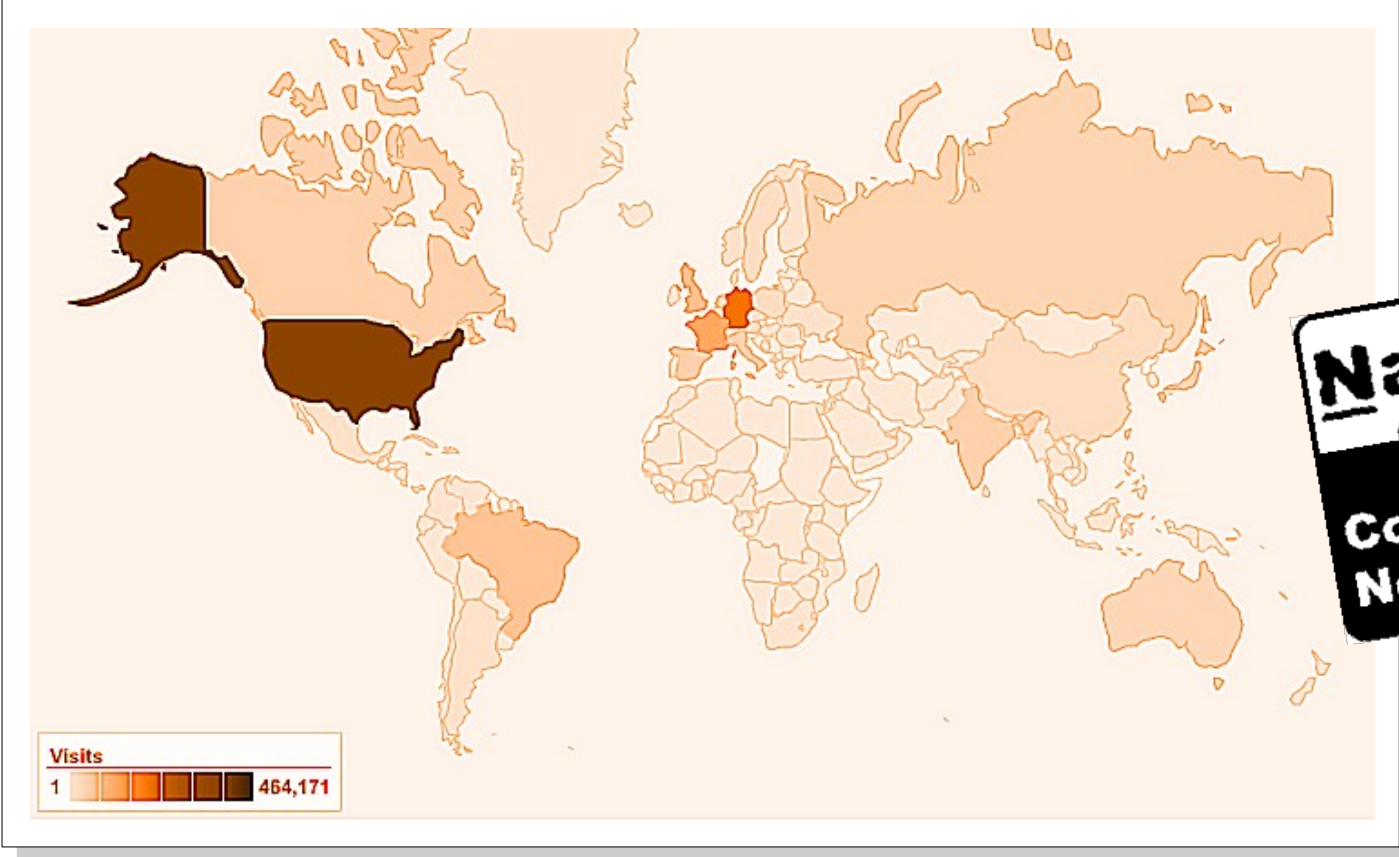
Your Favorite Gadgets, Programs, Tools, Hardware and More!

How-To: Dojo's Grid Widget	Tools for Validating HTML	Monitoring Dell Servers with Nagios	
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Contents May Be Hot



Community Is Key



A digital globe composed of binary code (0s and 1s) with a lens flare effect. The globe is rendered in shades of blue and white, with the binary digits forming a grid-like pattern. A bright light source from the left creates a lens flare that spreads across the globe, adding a sense of depth and motion. The overall aesthetic is futuristic and technological.

Where Do We Go?

New Core Developers

- **Andreas Ericsson**
- **Ton Voon**

Bug Tracker

• tracker.nagios.org

Nagios® Bug Tracker

Anonymous | Login | Signup for a new account | 2009-05-21 21:02 CDT | Project: Nagios Core | Switch |

[Main](#) | [My View](#) | [View Issues](#) | [Report Issue](#) | [Change Log](#) | [Roadmap](#) | |

Unassigned [^] (1 - 5 / 5)

- 000005 Nagios Security Issue
Other / Unknown - 2009-05-29 07:31
- 000013 A single-quote character in illegal_macro_output_chars causes problems
Configuration Parsing - 2009-05-18 16:14
- 000012 _REENTRANT is defined too late in the nagios headers
Other / Unknown - 2009-05-18 16:12
- 000011 If Nagios fails to fork, the daemon runs in the foreground
Other / Unknown - 2009-05-16 07:16
- 000004 Two identical SERVICE_STATUS events are sent to event-broker modules
Event Broker - 2009-05-15 09:12

Resolved [^] (1 - 9 / 9)

- 000010 Host flap detection weighting incorrect
Flap Detection - 2009-05-15 12:04
- 000009 Mutex reinitialized during program restarts
Other / Unknown - 2009-05-15 11:43
- 000008 Embedded Perl problem under FreeBSD with Perl 5.8.9
Embedded Perl - 2009-05-15 09:35
- 000007 Missing check_period column for host config view
Web Interface - 2009-05-15 09:05
- 000006 Duplicate unlink() in check result handling
Other / Unknown - 2009-05-15 08:31
- 000005 Duplicate current_event_id attributes in service status data
Status Data - 2009-05-15 08:17
- 000003 test #3
Acknowledgements - 2009-05-14 17:03
- 000002 test
- 2009-05-14 16:46
- 000001 Test Issue
- 2009-05-13 07:52

Recently Modified [^] (1 - 10 / 14)

- 000015 Nagios Security Issue
Other / Unknown - 2009-05-29 07:31
- 000013 A single-quote character in illegal_macro_output_chars causes problems
Configuration Parsing - 2009-05-18 16:14
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- 000006 Duplicate unlink() in check result handling
Other / Unknown - 2009-05-15 08:31
- 000005 Duplicate current_event_id attributes in service status data
Status Data - 2009-05-15 08:17

new feedback acknowledged confirmed assigned resolved closed

[Follow us on Twitter](#)
Follow the Nagios bug tracker
button from [twitter](#)

Mantis 1.1.7 [^]
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Innovation Network

- ideas.nagios.org

The screenshot displays the Nagios Open Innovation Network interface. At the top, the Nagios logo and the title "Nagios Open Innovation Network" are visible. Below the header, there are four main action buttons: "Contribute", "Brainstorm", "Vote", and "Witness". A sidebar on the left lists various categories such as "All (54)", "Web sites (4)", "General (8)", "Events (4)", "Plugins (4)", "Addons and Extensions (4)", "UI/Interface/Visualizations (10)", "Development Process and Teams (4)", "Collaboration and Communication (0)", and "Nagios 'Core' (16)".

The main content area features a form titled "What would you like to see with Nagios in the future?" with a "Submit New Idea" button. Below this, a list of ideas is shown, each with a "Vote Up" and "Vote Down" button and a score:

- nagios clusters** (Score: 125)
It would be nice to have the ability to cluster Nagios instances. Something built around MPI maybe that would allow horizontal scaling without passive checks.
- There should be more members on the core development team** (Score: 109)
The Nagios core development team needs to be expanded to enhance future development.
- Performance Graphing** (Score: 104)
Have integrated performance graphs, maybe talk to the devs of the various performance graphing addons and select one to be integrated into the service check display page.

• labs.nagios.org

The screenshot shows the Nagios Labs website interface. At the top, there are navigation links for Network, Enterprise, Project, Labs, and Community. The main header features the Nagios logo and the tagline 'Idea Incubation'. Below the header is a navigation menu with Home, About, Archives, and Download. A search bar is located on the right side, with the text 'Type and What to Search'. The main content area is divided into several sections:

- Hypotheses:** A section for ideas and theories. It includes a description, a date (493 pm on Fri Nov 26, 2008), the author (Site Administrator), and a link to comments.
- Seed Vault:** A section for ideas and projects that have been archived for future priority. It includes a description, a date (324 pm on Fri Nov 26, 2008), the author (Site Administrator), and a link to comments.
- On The Bumer:** A section for projects that are currently being developed. It includes a description, a date (325 pm on Fri Nov 26, 2008), the author (Site Administrator), and a link to comments.
- Lab Room Floor:** A section for ideas and projects that are currently being developed. It includes a description, a date (326 pm on Fri Nov 26, 2008), the author (Site Administrator), and a link to comments.
- It's Alive!** A section for announcements. It includes a description, a date (12:29 pm on Fri Nov 21, 2008), the author (Site Administrator), and a link to comments.

On the right side, there are several sidebar widgets:


- Download Nagios:** A button to download Nagios.
- Nagios Labs Mission:** A section describing the mission of Nagios Labs.
- Lab Sections:** A list of sections including Hypotheses, Lab Room Floor, Labs News, On The Bumer, and Seed Vault.
- Contribute Your Ideas!** A section with a 'new idea' button and a list of hot ideas.
- Latest Nagios News:** A section with a list of recent news items.

At the bottom, there are several footer sections:

- Awardic:** A section with logos for BOSS and other awards.
- Sitemaps:** A section with links to Home, About, Legal, Mission, Company Info, Contact Us, Terms of Use, Privacy Policy, and Trademark Policy.
- Network:** A section with links to Nagios Enterprises, Nagios Project, Nagios Labs, and Nagios Community.
- Nagios Enterprises:** A section with the Nagios logo and a link to SOURCEFORGE.NET.

Community Blog

 **community.nagios.org**



The screenshot displays the Nagios Community website interface. At the top, there are navigation links for "Network", "Enterprise", "Project", and "Community". The main header features the "Nagios" logo and the "Community" tagline "Where The Community Connects". Below the header, there are tabs for "News", "Archives", "About", "Download", "Wiki", and "Site Admin".

The main content area shows a list of blog posts. The first post is titled "Book Review - Learning Nagios 3.0" by admin, dated May 11, 2009. It includes a small image of the book cover and a "SHARE" button. The second post is "Italian Nagios Event Presentations Online" by admin, dated May 11, 2009, featuring a photo of a person and a "SHARE" button. The third post is "Watch Community Blog Posts on Twitter" by admin, dated May 14, 2009, with a "SHARE" button. The fourth post is "Nominate Nagios for SF.net Community Choice Awards 2009" by admin, dated May 11, 2009, with a "SHARE" button.

On the right side, there are several utility boxes: "Visit the Wiki", "Download Nagios", "Nagios Community Mission", "Twitterrific!" with a "FOLLOW ME" button, "Translator" with a language selection dropdown, and "Categories" listing various content types like "Books (1)", "Cool Stuff (4)", etc. Below these is a "Contribute Your Ideas!" section with a "new idea" button and a "Hot Ideas" list showing 125 items.

At the bottom, there are links for "Awards" (OSS and 5333), "Nagios Community Sitepage" (Home, About, Legal, Mission, Company Info, Contact Us, Terms of Use, Privacy Policy, Trademark Policy), and "Network" (Nagios Enterprise, Nagios Project, Nagios Community). The footer contains the Nagios Enterprises logo and a disclaimer about trademarks and copyright.

Community Email

• **yourname@community.nagios.org**

The screenshot shows the Google Apps interface for the domain community.nagios.org. At the top, it displays the Google logo, the text "Google Apps for community.nagios.org - Standard Edition", and the user's email address "nagios@community.nagios.org" with links for "Inbox", "Calendar", "Help", and "Sign out". Below this is a search bar with "Search accounts" and "Search Help Center" buttons. A navigation menu includes "Dashboard", "Users and groups", "Domain settings", "Advanced tools", "Support", and "Service settings-".

The main content area is titled "Nagios" and includes the following information:

- community.nagios.org
- [Manage account information](#) [domain names](#)
- 7 users [Create new users](#)
- You can create up to 200 user accounts for this domain.
- [Request more users](#)

There is a "Try Premier Edition Free" section with the following benefits:

- 25GB storage per user, no ads, 99.9% uptime SLA
- Postini Services
- SSO and user directory sync tools
- Phone and email support for critical issues

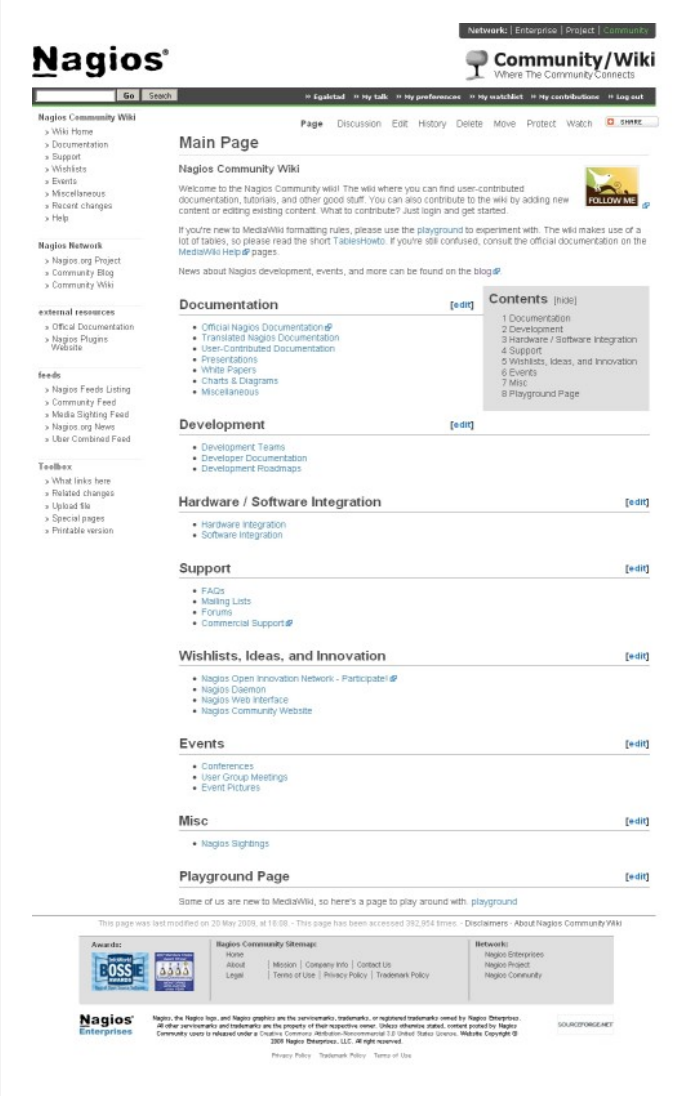
The "Service settings" section, with a link to "Add more services", lists several active services:

- Email** - Active: <http://mail.community.nagios.org>
- Docs** - Active: <http://docs.google.com/a/community.nagios.org>
- Calendar** - Active: <http://www.google.com/calendar/hosted/community.nagios.org>
- Sites** - Active: <http://sites.google.com/a/community.nagios.org>
- Chat** - Active: Users can sign in by [downloading Google Talk](#)
- Mobile**: Get Google Apps on your mobile device
- Start Page** - Active: <http://partnerpage.google.com/community.nagios.org>

At the bottom, there is a "Tip: Learn more about other Google solutions for businesses. [Learn more](#)" and a footer with links for "Terms of Service", "Privacy policy", "Suggest a feature", and "Google Home", along with the copyright notice "©2009 Google Inc."

Nagios Wiki

 wiki.nagios.org



The screenshot shows the Nagios Community Wiki main page. At the top, there is a navigation bar with the Nagios logo and the text "Community/Wiki Where The Community Connects". Below this is a search bar and a set of user links: "Go Search", "My talk", "My preferences", "My watchlist", "My contributions", and "log out". The main content area is titled "Main Page" and contains a welcome message, a "Follow Me" button, and a "Contents" table of contents. The table of contents lists sections such as "Documentation", "Development", "Hardware / Software Integration", "Support", "Wishlists, Ideas, and Innovation", "Events", "Misc", and "Playground Page". The footer contains various legal notices, including "Awards", "Nagios Community Sitepage", "Networks", and "Privacy Policy".

Nagios Support Portal

support.nagios.com

The screenshot shows the Nagios Support Portal homepage. At the top, there is a navigation bar with links for Home, Knowledge Base, Download, Learn More, Get Started, and Contact Support. The main content area is divided into several sections:

- Knowledge-based Sharing:** A section with a stack of books icon, encouraging users to search through well-documented and user-friendly archives for in-depth knowledge-sharing from fellow professionals.
- Latest Nagios News:** A section with a small profile picture of a man, titled "Nagios Contributors Wanted!". The text says: "Hey you! Yes, you. We're looking for individuals that want to contribute to the Nagios project. There's a lot that's happening and we need more people to fill many critical roles. Want to participate by developing a new addon or plugin? Or...". Below this, it says "See You in Sweden!" and "We look forward to seeing those of you who are attending the Nordic Meet on Nagios 09 next week (June 3-4) in Stockholm. Conference speakers include Ton Voon, Tobi Oetiker, Andreas Ericson, Michael Medn, Ethan Galstad, and more. If you want to register for the conference at the last minute...".
- Nominate Nagios - SourceForge Community Choice Awards 2009:** A section with a SourceForge award icon, stating: "The SourceForge Community Choice Awards 2009 nomination process has started. Show some love and Nominate Nagios for 'Best Project for the Enterprise' or 'Best Tool or Utility for SysAdmins' categories."
- Nagios Open Innovation Network - Ideas.nagios.org:** A section with a small icon, stating: "We're downright giddy about announcing the launch of ideas.nagios.org - a site designed to spur new innovation and idea-sharing within the Nagios project. Check it out, share your ideas, and let everyone know what you like and dislike. Thanks to whurley and IdeaScale for helping make this possible."
- Community News:** A section with a book icon, titled "Book Review - Learning Nagios 3.0". The text says: "Jan-Plat Mens offers his thoughts on the book 'Learning Nagios 3.0' written by Wojciech Kacjan and published by Paki. Article...". Below this, it says "Italian Nagios Event Presentations Online" and "The Waurth Phoenix team have posted presentation PDFs and videos from the Italian Nagios Event that was held in Bolzano...".
- Watch Community Blog Posts on Twitter:** A section with a Twitter icon, stating: "We're testing out some Wordpress/Twitter integration, which means you should be able to keep with posting if you Follow us...".

On the right side of the page, there is a sidebar with a search box, a "Download Nagios" button, "Contact Support" information (Phone: 1-888-NAGIOS-1, Email: support@nagios.com), "Annual Support Contracts" information, "Stay Informed" with a "Subscribe To Our Newsletter" button, "Contribute Your Ideas" with a "new idea" button, "Hot Ideas" with a list of ideas (e.g., "125 nagios clusters", "109 There should be more members on the core development team", "104 Performance Graphing"), and "Twitter Updates" with a "Follow me on Twitter" button.

At the bottom of the page, there are logos for OSS (Open Source Software) and 3535, a "Sitemap" section with links for Home, About, Legal, Company Info, Contact Us, Terms of Use, Privacy Policy, and Trademark Policy, and a "Networks" section with links for Nagios Enterprises, Nagios Support, Nagios Project, and Nagios Community. The footer contains the Nagios Enterprises logo, a copyright notice, and a "SEARCH FOR RESULTS" button.

Nagios Exchange

• exchange.nagios.org

The screenshot shows the Nagios Exchange website homepage. At the top, there is a navigation bar with links for Network, Enterprise, Support, Project, Exchange, and Community. The main header features the Nagios logo and the text "Exchange: Fill Your Nagios Toolbox". Below the header, there are several sections: "Nagios Exchange" with a description and a search box; "Welcome To The New Nagios Exchange!" with a photo of Ethan Galstad; "Featured Listing" for nagiosgraph; "Directory Categories" listing various add-ons and plugins; "Directory Stats" showing 253 listings in 300 categories; "Search Directory" with a search box and advanced search options; "Download Nagios"; "RSS Feeds"; "Login" form; and "Stay Informed" with a newsletter subscription. The footer includes "Awards" (OSS and 5553), "Sitemap", "Network" links, and a copyright notice for Nagios Enterprises.

Community Nerve Centers

- **Global “nerve” centers**
- **Modeled after Ubuntu “LoCos”**
- **Community organizers**

Contribute!

• nagios.org/contribute

The screenshot shows the Nagios.org website's 'Contribute' page. At the top right, there are navigation links for 'Network', 'Enterprise', 'Project', and 'Community'. The main header features the 'Nagios' logo. A left sidebar contains a menu with items like 'Home', 'About', 'Propaganda', 'Documentation', 'Downloads', 'Development', 'Community', 'Contribute', 'Support', 'Solutions', and 'Products'. Below the menu are 'Related links' for 'Community' and 'News Feeds'. The main content area is titled 'Nagios Needs You! Get Actively Involved With the Nagios Project' and includes a profile picture of a man. Below this is a 'Contributors Needed' section with a list of roles: a new Nagios GUI team, people to create plugins/addons, people to contribute training materials, people to write articles or short write-ups, additional developers for the 'core' team, and people interested in writing HOWTOs. There is a 'Sign Up!' section asking if the user is interested in contributing. An 'Upcoming Stuff' section lists several tasks: a tinderbox testing server, a git repository, a site redesign, moving the community wiki, community blog posting, email accounts for members, and knowledgebase articles. The footer contains 'Awards' (OSS and Open Source), 'Nagios Sitemap' (Home, About, Legal, Company Info, Contact Us, Terms of Use, Privacy Policy, Trademark Policy), and 'Network' (Nagios Enterprises, Nagios Project, Nagios Community). It also includes the Nagios Enterprises logo, a copyright notice for 2008, and a 'SOURCEFORGE.NET' logo.



The Future Is Bright!