System Administration Soft Skills

System administration can be both stressful and rewarding. Stress generally comes from outside factors such as conflict between SAs (system administrators) and their colleagues, a lack of resources, a high-interrupt environment, conflicting priorities, and SAs being held responsible for failures outside their control. What can SAs and their managers do to alleviate the stress? There are some well-known interpersonal and time-management techniques that can help, but these can be forgotten in times of crisis or just through force of habit. The purpose of this article is to restate these maxims and remind readers of these important soft skills, particularly as they apply to SAs. Read the full article at http://bit.ly/dJbdyJ

Virtualization: Blessing or Curse?

Virtualization is often touted as the solution to many challenging problems, from resource underutilization to data-center optimization and carbon emission reduction. The hidden costs of virtualization, largely stemming from the complex and difficult system administration challenges it poses, are often overlooked, however. Reaping the fruits of virtualization requires the enterprise to navigate scalability limitations, revamp traditional operational practices, manage performance, and achieve unprecedented cross-silo collaboration. Virtualization is not a curse: it can bring material benefits, but only to the prepared. Read the article at http://bit.ly/fF3HYH

The future of eBooks

This new study examines trends and developments in the eBooks and eReaders market in the United States, United Kingdom, the Netherlands, and Germany, and discusses major challenges and key questions for the publishing industry worldwide. It also identifies market opportunities and developments for eBooks and eReaders, and makes recommendations for publishers, traditional retailers, online retailers, and intermediaries. Given that publishers, internet bookstores, and companies that manufacture eReaders have high expectations for the digital future of the book industry, the study asks if a new generation of eReaders may, at last, achieve the long-awaited breakthrough that lures consumers away from paper and ink. Read this 40 page report at http://bit.ly/gZr8Zb

The 11 Drivers of Software Innovation in 2011

M.R. Rangaswami, co-founder of the Silicon Valley-based Sand Hill Group, has come out with his list of predictions for the software industry this year. He said he believes 2011 will be another exciting year for enterprise software innovation. The ten focal points that will drive software vendors to develop products, better address customer needs, and rev their business models in the coming year, are listed at http://bit.ly/h5X1eC

Book: Invisible Engines: How Software Platforms Drive Innovation and Transform Industries by David S. Evans, Andrei Hagiu and Richard Schmalensee

Software platforms are the invisible engines that have created, touched, or transformed nearly every major industry for the past quarter century. They power everything from mobile phones and automobile navigation systems to search engines and web portals. They have been the source of enormous value to consumers and helped some entrepreneurs build great fortunes. And they are likely to drive change that will dwarf the business and technology revolution we have seen to this point. *Invisible Engines* examines the business dynamics and strategies used by firms that recognize the transformative power unleashed by this new revolution—a revolution that will change both new and old industries. Download this 408 pages (3.99 MB) book published by MIT Press and licensed under a Creative Commons License from http://bit.ly/ezeeK4

EMC's cloud certification: Another way to validate cloud competency

EMC has introduced a cloud certification, called the EMC Cloud Architect (EMCCA) certification for architects, designers and consultants. This cloud computing certification will benefit those involved in the planning of: Virtualized data centers - Servers, storage, networks, applications and services; Cloud implementations - Creation, migration and implementation; Convergence of traditional data centers to virtual design and construction (VDC) and extension to cloud infrastructures. Read the article at: http://bit.ly/fkcUUJ

The Internet of Things

More objects are becoming embedded with sensors and gaining the ability to communicate. The resulting information networks promise to create new business models, improve business processes, and reduce costs and risks. Read the full article at http://bit.ly/hrX3Ae

The rise of the networked enterprise: Web 2.0 finds its payday

McKinsey's new survey research finds that companies using the Web intensively gain greater market share and higher margins. Read the full story at http://bit.ly/fB2FH7

Nine ways to avoid open source pitfalls

Follow these guidelines at http://bit.ly/ifAZNk and avoid problems while still benefiting from what the open source software community has to offer.

5 big themes in BI for 2011

Business intelligence will become more visual, mobile and social in 2011. But how should you balance central vs. departmental control, and does it make sense to upgrade? Read the story at http://bit.ly/hGnpDJ

The business focused CIO: The need of the hour for Indian enterprises

CIOs have a responsibility to ensure that they understand the principles of corporate governance, specifically disclosure and transparency, and the responsibilities of the board. Read the story at http://bit.ly/dQqc51

Indian CIOs open up to open source

Indian CIOs are opening up towards adoption of open source but it will not be a 'rip and replace' technology and will co-exist along with proprietary software. Read the full story at http://bit.ly/giOo99

Unified Communications: The new mouthpiece in enterprises

Indian enterprises are taking UC beyond basic communications, by using forms such as UC-as-a-service and virtual teams, for R&D, training and client interactions. Read the full story at http://bit.ly/etQfU4

Why don't firewalls work?

Even the best firewalls might fail an audit -- or get hacked -- if your enterprise doesn't follow proper change and configuration management practices. Here's a look at some of the common pitfalls that trip up firewall administrators. Read the story at http://bit.ly/fVhJRG

Make a career in the BPO sector: Post your queries!

Explore the variety of jobs available in the sector, how to get hired, training options and more. Read the story at http://bit.ly/gkZXpT

Careers & Courses: Animation & Digital Technology

Creativity, some technical skills and a strong portfolio, is your recipe for success. Get details at http://bit.ly/h9Tzye

ITU Report on "Power of ICTs in tackling climate change"

Information and communication technologies (ICTs) are of fundamental importance in reducing greenhouse-gas (GHG) emissions, as well as in helping countries everywhere adapt to climate change and to deal with its sometimes catastrophic effects. This is the message of a report launched recently by ITU and the Global e-Sustainability Initiative (GeSI) on Using ICTs in tackling climate change. The report describes, with concrete examples, how ICTs can achieve these goals in three main ways: By driving down emissions in the ICT sector itself; By cutting emissions and raising energy efficiency in other sectors and By using ICT-based systems to monitor weather and the environment worldwide, as well as to swiftly transmit data, analysis and alerts. Read the report at http://bit.ly/fAbztl

French Proverbs

- A father is a banker provided by nature.
- A good husband should be deaf and a good wife blind.
- A lie travels round the world while truth is putting her boots on.
- A throne is only a bench covered with velvet.
- A woman is no older than she looks.
- God heals, and the physician takes the fee.
- Good advice is often annoying, bad advice never.
- If the doctor cures the sun sees it, but if he kills the earth hides it.

- Love is the dawn of marriage, and marriage is the sunset of love.
- Nothing is so burdensome as a secret.
- Only he who does nothing makes no mistakes.
- The pleasure of love lasts but a moment, The pain of love lasts a lifetime.
- The surest way to remain poor is to be an honest man.
- There is no pillow so soft as a clear conscience.

Great One Liners..
- Regular naps prevent old age… especially if you take them while driving.
- Having one child makes you a parent; having two makes you a referee.
- Marriage is a relationship in which one person is always right and the other is the husband!
- They said we should all pay our tax with a smile. I tried- but they wanted cash.
- A child's greatest period of growth is the month after you've purchased new school uniforms.
- Don't feel bad. A lot of people have no talent.
- You can't buy love. . But you pay heavily for it.
- Forgiveness is giving up my right to hate you for hurting me.
- Bad officials are elected by good citizens who do not vote.
- Laziness is nothing more than the habit of resting before you get tired.
- My wife and I always compromise. I admit I'm wrong and she agrees with me.
- It doesn't matter how often a married man changes his job, he still ends up with the same boss.
- They call our language the mother tongue because the father seldom gets to speak.
- Saving is the best thing. Especially when your parents have done it for you.
- Wise men talk because they have something to say; fools talk because they have to say something.
- Real friends are the ones who survive transitions between address books

ICT News Headlines & Briefs
- Tata Consultancy Services (TCS) plans to recruit up to 15,000 in the quarter ending March.
- Whistleblowing Web site WikiLeaks will now turn its attention to some of the world's richest people reportedly detailing massive tax evasion.
- Bahwan CyberTek Pvt Ltd (BCT) signed a memorandum of understanding with Ramanujan Computing Centre (RCC), located in Anna University (AU), Chennai, to collaborate on technology-focused research and development.
- HCL Infosystems bags an order from Keltron to provide over 6,500 units of 'HCL ME' laptops and netbooks for the Kerala Government's IT@School project.
- The tax authorities' demand on Infosys to fork out Rs 400 crore has drawn sharp reactions from across the IT industry.
- The UK-based Pearson Group has acquired a controlling stake in online tutorial TutorVista Global for Rs 577 crore.
- Nasscom has asked the UK to include employee allowances and benefits in the minimum salary cut-off (of £40,000) that UK proposes for Intra-Company Transfer (ICT) workers, whose stay exceeds 12 months.
- If TCS manages to maintain its current pace of growth, it will be able to realise its vision of clocking $10 billion by the end of fiscal 2011-12 -- Mr S. Mahalingam, Chief Financial Officer, TCS.
- TCS has tweaked its policy related to employee promotions, in a bid to retain more staffers. Senior staffers at TCS will now be eligible for promotions twice a year — in January and June.
- Cognizant is expecting to maintain its recruitments for 2011 at the same level (25,000) as last calendar year.
- The Prime Minister, Mr Manmohan Singh, inaugurates Mobile Number Portability services across the country on 20th Jan 2011.
- The mobile trading platform launched in October last year by the exchanges and a handful of brokers is picking up. Sees about Rs 2 crore worth of average daily turnover.
- The 'Akshaya' model of e-services delivery will now provide Intel's latest curriculum module 'Technology and Entrepreneurship' (TEN) through its 2,200 customer service centres (CSCs) across Kerala which introduces learners to basic concepts and process of entrepreneurship, and demonstrates how technology can be used to advance a business idea.
- Inclusive growth is objective of broadband rollout, says Sibal.
- RIM is planning to launch $150m BlackBerry Partners Fund for India to provide seed funding and venture capital to start-ups working in the area of wireless communications.
- HCL Info arm to sell networking business to Tikona Digital.
- Telecom stocks were under pressure as mobile number portability (MNP) was introduced pan-India.

- A five-member delegation from the German city of Kaiserslautern visits Technopark campus and the office of the Kerala State IT Mission to seek opportunities of bilateral collaboration and identifying and adopting best practices from both places.
- BSA launches course for SMEs on software asset management
- Probe 2G scam without being influenced: Apex court tells CBI.
- Wipro announces a major change in leadership in a bid to shore up its fortunes. Wants a "simpler, leaner organisation" structure after the exit of joint CEOs.
- The Electronics Corporation of Tamil Nadu has allocates land to 6 companies in the Hosur IT SEZ, as a part of its initiative in promoting IT in Tier-II cities.
- AP plans two new IT parks in Hyderabad with a total investment of over Rs 2000 crore.
- Honeywell team now tracks 14,000 aircraft on distant skies from Hyderabad. Will be expanding its R&D facility in Hyderabad with over Rs 100 crore.
- The top five companies are estimated to hire 1.6 to 1.8 lakh employees over the next 12 months, says Infosys CEO.
- BSNL, RCom bear initial brunt of mobile number portability.
- The value-added services (VAS) segment accounts for 12-18 per cent of the overall revenue of telecom service providers and will double in the next few years: RCom.
- Digital imaging and printing solutions provider, Epson, has opened its 'procentre' here to display its range of large format professional graphics printers.
- Implement number portability properly or face penalty, DoT tells operators.
- Telephone user base reaches 764 million. The overall tele-density in India reaches 64.34. Wireless tele-density stands at 61.38.
- TRAI seeks views on pricing mobile banking services.
- Infosys looking to rehire, tap ex-staff.
- Yahoo! working towards 'smart' search
- BlackBerry maker Research In Motion (RIM) has said it was technically not possible to provide access to corporate email services for security monitoring
- Within 72 hours of launch, 1 lakh hook up for Airtel 3G.
- Centre likely to sanction 9 IT projects of AP Govt involving a total investment of Rs 2,500 crore, on a cost-sharing basis.
- HP is setting up a data centre in India that will host and manage infrastructure for its cloud computing customers.
- The much-awaited Apple iPad was launched in India on 28th Jan 2011.
- Mr Ashok Soota, Co-Founder and Executive Chairman of MindTree, resigns from the company. Plans to start a new business venture.
- Uninor, the joint mobile company between Telenor and Unitech, has approached the Supreme Court challenging the hike in spectrum usage charges by the DOT. Incumbent GSM operators Bharti Airtel, Vodafone Esar and Idea, have already filed an appeal against the DoT's decision.
- 'Rent-A-Phone' (RAP), a new mobile phone service being introduced by the Delhi-based Vincegrass Creative Solutions Pvt. Ltd. Payment of rents may range from Rs 10 to 60 a day, depending on the cost of the handset that would range from Rs 4,800 to Rs 60,000.
- Reliance Communications (RCom) launches Missed Call Alert with Notify Me alert to the callers that the person is now available to receive a call from them.
- The World Bank estimates that by 2012, 1.7 billion people across emerging markets will have mobile phones and one in five of them will be picking up mobile money to create a $5 billion market by 2012.

Announcements
- Project Proposals are invited from faculty Members and Students under the scheme of R&D Funding for the year 2010-11 by CSI. For details, visit www.csi-india.org
- To join CSI as a member, pl. visit http://www.csi-india.org/web/csi/membership
- If you are interested in talking on your area of competence at CSI chapters, pl. register as a distinguished speaker at http://www.csi-india.org/web/csi/email

IT Events: Call for Participation & Call For Papers
- CSI Science & ICT Quiz: Across India in 8 cities during Feb-Mar, 2011. For details, pl. contact Mr. Ranga Rajagopal, acenettech@gmail.com / +91 9442631004. www.csidiscoverthinking.com
- NCCSE-2011: 2nd National Conference on Computational Science and Engineering. 4-5, Feb 2011 at Kochi. Email: mca.rajagiri@gmail.com / jayamahesh99@yahoo.co.in Website: www.rajagiri.edu
- FutureNet-2011: Internet – Present and Future Applications, Services, Security and Challenges. 5-6, Feb 2011 at Nashik. Contact: Mr. Arvind Mahapatra at arvind.m@netwinindia.com / Mobile: 09822431258

- Workshop on Research Methods. 19-20 at Chennai. Fee: Academic Faculty: Rs. 1000/=; Industry Delegates: Rs. 1250/=; Students & Research Scholars: Rs. 800/=; Members of CSI / IEEE: Rs. 800/=.Contact: Dr. P. Sakthivel, Chairman, CSI Chennai, sakthi_velp@yahoo.com Mobile: +91 94444 12789 www.csi-chennai.org/ws-rm/index.html
- CONSEG-2011: International Conf. on Software Engineering. 17-19, Feb 2011 at Bangalore. www.conseg2011.org
- NCISE-2011: 3rd National Conference on Information and Software Engineering. 18-19, Feb 2011 at AVIT, Chennai. Contact: Dr. A. Anthony Irudhayaraj, Cell: 09443884732, Email: ncise2011@gmail.com Website: www.http://ieeecs-ncise.com/
- Expert advice on Estimation and COSMIC practice by Dr. Alain Abrain, co-inventor of COSMIC and co-executive editor of the 'Guide to the Software Engineering Body of Knowledge 'published by IEEE.21-25, Feb 2011 at Chennai. Ph: +91 44 42035577 | 24328077, amity@amitysoft.com
- National Seminar on "Corporate eGovernance". 26-28, Feb 2011at Visakhaptnam. Contact: Mr. P. Satyanarayana at s_paramata@vizagsteel.com / Mobile: +91 9949556989
- NSC-2011: 27th National Studnets Convention. 9-12, Mar 2001 at ITM Universe Gwalior. Contact: R.D. Gupta, Ph: 91-751-2440065,2432977 extn:211 Email: CSI.27nsc@gmail.com, CSI.27nsc@itmuniverse.in Website: www.itmuniverse.in/csi11/27csinsc.htm
- ICRACT-11: International Conference on Recent Advancements in Computing Technology. 30-31, Mar 2011 at Bharath University, Chennai. Email: icract2011@gmail.com Website: www.bharathuniv.ac.in
- NCVESCOM-11: 4th National Conference on VLSI, Embedded Systems, Signal Processing and Communication Technologies. 7 –8, Apr 2011 at Chennai. www.avit.ac.in
- NaConDM-2011: National Conference on Design and Manufacturing. 27-28, May 2011 at Chennai. Contact: Dr M Sreekumar, Ph: 044-22578555 Ext. 26; E mail: nacondm2011@iiitdm.ac.in Website: www.iiitdm.ac.in/nacondm2011.html
- ACC-2011: International Conference on Advances in Computing and Communications. 22-24, Jul 2011 at Kochi, India. www.acc-rajagiri.org
- ReSYM-11: Research Symposium on Pervasive Computing and its Underlying Technologies. 15 - 16, Sep 2011, Chennai, Contact: Dr. A. Balaji Ganesh, Ph: +91-44-26591860 ; Mobile:098427 91925 ; E-Mail: resym11@gmail.com & abganesh@velammal.org
- For other CSI Events, pl. visit http://www.csi-india.org/web/csi/csicalendar-december10

Books

Brief review of books useful to students and professionals are included in this column. The publishers -- Oxford University Press and Shroff Publishers & Distributors Pvt Ltd have come forward to present the books to the winners of the Info Quiz.

Mechatronics: Integrated Technologies for Intelligent Machines: Mechatronics is an interdisciplinary engineering field comprising the design and development of smart electromechanical systems and aims to integrate various technologies including electronics, mechanical devices, real-time control, microprocessors, materials and human-computer interaction. Mechatronics is a key to a wide range products such as disk drives, cameras and camcorders, flexible autonomous systems, process controllers, avionics, appliances, smart weapons and power tools. Modern automobiles involve a large mechatronics subsystems to manage engine controls, comfort controls, antilock brakes, active suspension, collision avoidance, drive by wire, safety features, This book brings together in one text the many components of mechtronics which is essential to 21st century engineers. It contains numerous practical, classroom-tested examples, experiments, and simulations using SIMULINK, MATLAB, and LabVIEW, and presents material in a format that lends itself to project-based learning and few case studies. Appendices on basics of EE & ME, end chapter questions and problems are useful for understanding the subject. Authors: A. Smaili & F. Mrad. Published by: Oxford University Press. Pages: 718+xviii. Price: Rs.595/- More about the book at http://bit.ly/dWR0Qz (This book is being given as a prize to the Info Quiz Winners)

Skills Development for Business and Management: This book has been written to develop a variety of general skills for students of management and engineering. It can also be used by the professionals to enhance their career prospects. The text has been presented in 12 chapters which deal with: Developing Skills for Business and Management Students; Foundations for Personal Development; Personal Development in Action; Communication Skills; Reading Skills; Writing Essentials: Preparation, Layout and Structure; Presentation Skills; Quantitative Data Presentation; Sharpening your Search, Reference and Assignment Skills; Teamwork Skills; Creativity and Innovation Skills and Carrying Your Skills Forward. The summary, exercises and further reading pointers at the end of the chapters are useful. Author: Kevin Gallagher. Published by: Oxford University Press. Pages: 288+xxviii. Price: Rs.310/- More about the book at http://bit.ly/iisCwA (This book is being given as a prize to the Info Quiz Winners)

97 Things Every Software Architect Should Know: This book provides extremely useful advice from some of the most respected architects around the world to Software Architects on communicating with stakeholders, eliminating complexity, empowering developers, and many more. Some of them include: Don't Put Your Resume Ahead of the Requirements; Chances Are, Your Biggest Problem Isn't Technical; Communication Is King; Clarity and Leadership, Its Humble Servants; Simplicity Before Generality, Use Before Reuse; For the End User, the Interface Is the System; It's Never Too Early to Think About Performance. This book is a source of inspiration and guidance for software professionals. Edited by Richard Monson-Haefel. Published by: Shroff Publishers & Distributors Pvt Ltd. Pages: 236. Price: Rs. 300/- More about the book at http://bit.ly/ghCUrf Readers of CSI-eNL can get this book at 15% discount with free shipping. Contact: spdchennai@shroffpublishers.com (This book is being given as a prize to the Info Quiz Winners)

Heads You Win Tails You Win: In this inspirational book, written for younger generation, the author examines the principles of success with examples mostly from Indian sub-continent. The principles of success are testified from the success stories of those born in lack and limitations. The author exhorts the readers to read the book and experience spectacular changes within themselves, improve their relations in the family, in the offices and in the society. He implores the readers to master the principles and enjoy more respect and love in the community. An assessment at the end would be useful in monitoring the change one undergoes while reading and following the principles highlighted in this book. An interesting read for everyone engaged in work-place. Author: Dr. C.S. Mishra. Published by: Shroff Publishers & Distributors Pvt Ltd. Pages: 200. Price: Rs.200/- More about the book at http://bit.ly/epRivk Readers of CSI-eNL can get this book at 15% discount with free shipping. Contact: spdchennai@shroffpublishers.com (This book is being given as a prize to the Info Quiz Winners)

InfoQuiz–2011-02-01 (Six Prizes to Win – Four Books and Two Awards of Rs. 500/- each)

1. "m-Paisa" – the mobile banking service is from ------
2. What is common: Milestone, Flipout, Charm, Quench
3. ------ is a Facebook-style social media application for business from Salsesforce.com
4. The original product name/code name of the popular microblogging service twitter was ------
5. Identify the company whose tagline is "Power of Simplicity"

Email your answers by **13th Feb 2011** to csi.infoquiz@gmail.com **with subject "infoquiz-2011-02-01".** Please provide your name, designation, company/institution, full postal address (to send the prize) and the contact phone nos. after the answers. The first person to answer correctly and one randomly selected lucky winner will be awarded Rs. 500/= each by **SRA Systems** (www.srasys.com). **Oxford University Press** (http://www.oup.co.in) & **Shroff Publishers & Distributors Pvt Ltd** (http://www.shroffpublishers.com) will present the books (Mechatronics: Integrated Technologies for Intelligent Machines, Skills Development for Business and Management) whose brief review appear in this issue. In all, there will be SIX prizes – TWO cash prizes of Rs. 500/- each and FOUR prizes of one book each. Answers along with the winner info will be published in the next issue.

Answers & Winners of InfoQuiz-2011-01-16
- IBM, Mobile Applications Stores, Nicholas Carr, Micromax, symbolics.com
- Awards of Rs. 500/= each from SRA Systems to Mr. J.Vijayaraghavan from Chennai and to Mr. Debasis Ghosh from Kolkata
- Books from Oxford University Press: "Bioinformatics: Databases, Tools and Algorithms (with CD)" to Ms. Arati S. Nayak from Dharwad & "Leadership and Team Building" to Mr. G. Dorababu from Chennai.
- Books from Shroff Publishers & Distributors Pvt Ltd: "97 Things Every Programmer Should Know" to Mr. G.Vimal Raj from Chennai & "Time Out for Leaders" to Mr. Ravi Kumar from Chennai.

About the CSI-eNewsletter
CSI-eNewsletter is a compilation of information from different sources which would be of interest to ICT professionals, academicians and students and published on 1st and 16th of every month. For the archives of this newsletter, pl. visit http://www.csi-chennai.org/csi-enl/csi-enl-archives.htm or at http://www.csi-india.org/web/csi/archives

Contributions to CSI-eNewsletter
Readers are welcome to contribute to the eNewsletter by sharing interesting information they come across and also provide feedback, by emailing us at hrmohan.csi@gmail.com
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