



# CSI eNewsletter

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## Becoming a Better Project Manager

Project managers must stop thinking of projects in a transactional sense, and begin thinking like upper-level managers. They have to extend their core leadership skills and start building data communication skills. We all know great PMs create great teams. Their stock in trade is leadership. They bring people together to achieve great things. The Internet.com experts explore the skills and tools you need to become a better project manager today. Topics Include: Five Steps to Becoming a Strategic Project Manager; Overcoming Project Jams; Using ISO 9000 as a Project Management Tool; Building Reusable Project Templates and Reading GANTT Charts for Fun and Profit. Download this ebook from <http://bit.ly/aujAcz>

## Getting Started with Open Source Development

Open source software development is a community-driven methodology to develop products, from the design and development stages to distribution. This free ebook gets you started in the fascinating world of open source software development. Using the exercises and case studies provided, you will get good hands-on experience to contribute to and start open source projects. Download this 136 pages ebook from <http://bit.ly/9TjOZW>

## Usability Definitions and practice

A summary article pointing to the major themes in usability and particularly computer usability (human-computer interaction) for the uninitiated and curious. Read it at <http://knol.google.com/k/usability#>

## InfoWorld review: Nine fine Python development tools

A wide-ranging flock of Python IDEs offer great options for Windows scripting, GUI applications, Web frameworks, multilanguage development, and more at <http://bit.ly/9nN8C2>

## Prepare Your Company for Collaboration 3.0

Collaboration 3.0 does more than connect people and content, it moves beyond keywords and search to include context and interpersonal connections. Collaboration 3.0 users can be local or distributed around the globe, and they need to have a set of collaboration tools that work well, allowing them to maximize their productivity and driving them to adopt the tool and associated processes. Download this paper to learn how to prepare your IT organization from <http://bit.ly/a1aMXO>

## Criminals 'go cloud' with attacks-as-a-service

Malicious hackers may find themselves out of work, as one bot operator offers cloud-based denial-of-service attacks on demand. Read this news item at <http://bit.ly/bUfDiE>

## The Web Is Dead. Long Live the Internet

Two decades after its birth, the World Wide Web is in decline, as simpler, sleeker services — think apps — are less about the searching and more about the getting. Chris Anderson explains how this new paradigm reflects the inevitable course of capitalism. And Michael Wolff explains why the new breed of media titan is forsaking the Web for more promising (and profitable) pastures. Read the story at <http://bit.ly/adXw7g>

## How Do Native Apps and Web Apps Compare?

Two roads diverge on a tablet screen. One is the path to the native app, the other leads to the open web. Luckily, you can take both. The latest mobile devices ship with a thoroughly modern browser capable of handling emerging web standards. Beneath that is a modern operating system with access to the magic inside the hardware: the camera, GPS, gyroscope and compass. But if you had to pick one — native app or web app — which would you choose? Your decision will make all the difference in how you approach your design, development and distribution. Read it at <http://bit.ly/a49CnA>

## How the UID can Make Growth Inclusive

The Unique Identity Number project will enable the poor to access important resources and services hitherto denied to them, partly due to their invisibility and partly because of the leakage and fraud that have become an inherent part of our system, says Nandan Nilekani, Chairman, Unique Identification Authority of India in the article at <http://bit.ly/92ZeeS>

## **Trust Key to Wider Use of e-Governance**

In this interview at <http://bit.ly/bjeGn6> N Vijayaditya, Controller of Certifying Authorities, points out that central to the growth of e-commerce and e-governance in the country is the issue of trust in the electronic environment. He feels that the future of e-commerce and e-governance depends on the trust that the transacting parties place in the security of transmission and the content of communication.

## **Digital Inclusion: Sam's Agenda**

We need to pay more attention at the bottom of the pyramid, focusing more on growth of large number of people and not the handful, says Sam Pitroda, Advisor to the Prime Minister on Public Information Infrastructure & Innovations, in an exclusive interview to Inclusion. The telecom czar noted that while we are setting up the right kind of infrastructure for the next big jump, it is not about economic liberalisation. "It is about creating an inclusive society, providing education, health services, and creating more jobs." Read this article at <http://bit.ly/curQYm>

## **Roll Your Own E-Books**

The book is an antiquated method of delivering words to your brain. Just as the iPod compressed massive record collections onto tiny go-anywhere devices, so the e-book readers are putting entire libraries onto paper-thin portable devices you can shove in your (oversized) pocket. Want to ditch the heavy backpack full of books and join the digital book revolution? Here's out guide to creating a digital copy of just about any book -- whether it's your own masterpiece or an old paper copy of Cervantes -- into a digital book.

[http://howto.wired.com/wiki/Roll\\_Your\\_Own\\_E-Books](http://howto.wired.com/wiki/Roll_Your_Own_E-Books)

## **The future of Java, as told by IBM and Oracle**

IBM and Oracle recently announced that the two companies would begin working together on the OpenJDK, unofficially designating that effort as the future of Java and clearing up much uncertainty about the direction Oracle would take the platform. The fate of the Java Community Process, which oversees the advancement of Java specifications, is not as clear. Read the full article at

<http://www.sdtimes.com/link/34820>

## **Seven Strategies for Generating Ideas**

How do organizations come up with new ideas? And how do they use those ideas to create successful new products, services, businesses, and solutions? To answer these questions, a team of researchers from Rensselaer Polytechnic Institute in New York spent time observing radical innovation projects such as IBM's silicon-germanium devices, GE's digital X-ray, GM's hybrid vehicles, and DuPont's biodegradable plastics. Their key finding? Most of the ideas behind these projects came from "happy accidents" rather than some ongoing process to generate ideas. Read the full article at <http://bit.ly/9K9Fi9>

## **Leading Virtual Effectiveness: Four Strategies for Effective Communication**

This 18 pages eBook at <http://bit.ly/akDgV7> (by Camille Preston of AIM Leadership) reveals 4 steps to mastering effective virtual leadership and communication and provides the tools for managing the shift to the virtual workplace.

## **Crowdsourcing: What it is and how it works**

Crowdsourcing is a powerful new way to gain innovative solutions. The term was coined to describe the process of outsourcing a task to an independent 'crowd' of experts who compete (or sometimes collaborate) to solve the problem. They are often rewarded for doing so. All sorts of organizations are using the power of the crowd. Read some current examples of crowdsourcing in action at <http://bit.ly/95WjQs>

## **Book: Wireless Communication**

Beginning with an overview of wireless systems, fundamental concepts of wireless communication, DSP, digital communication, and information theory, this book provides an extensive coverage of wireless channel and modulation schemes with multiple access scenario and advanced wireless systems. Each of the 16 chapters at the end, provide a summary, review questions and multiple choice questions to help the reader to revise the concepts. This book will be useful for the students of ECE, CSE students and practicing engineers in the filed. Author: Upena Dalal. Published by Oxford University Press. Pages: 772+xvi. Price: Rs. 395/- More about the book at <http://bit.ly/cBi6Ox>

## **Book: Data Warehousing**

Designed for the use by the UG students of Computer Science and PG students of Computer Application, this book, in three parts and 14 chapters presents various features and architecture of a data warehouse, its business requirements and dimensional modeling, components of a data warehouse building, marinating a data warehouse and the trends in data warehousing. End chapter recapitulations, objective and review questions are useful. Author: Reema Thareja. Published by Oxford University Press. Pages: 474+x. Price: Rs. 285/- More about the book at <http://bit.ly/9o7kpT>

## Quotes

- **Opportunity:** "When one door closes, another opens; but we often look so long and regretfully upon the closed door that we do not see the ones that are open to us. -- Alexander Graham Bell
- **Problem Solving:** "One of the great problems with our education system is that it teaches that for almost every question there is one correct answer. Unfortunately the real world is not like that. For almost every problem there are multiple solutions. We have to unlearn the school approach and instead adopt an attitude of always looking for more and better answers." -- Paul Sloane, in 'The Leader's Guide to Lateral Thinking Skills'
- **Success:** The successful person is always seeking out the next area for growth, mapping out the next plan, working on the next idea, pursuing the next opportunity, looking for the next challenge, aiming at the next target." -- Denis Waitley, from 'Timing is Everything'

## Resume Mistakes That Keep Hiring Managers Amused But Cost You the Interview

- **Objective:** Seeking a part-time position with room for advancement
- **Professional headline:** 1 year old marketing executive
- **Achievement:** Planned new corporate facility at \$3M over budget.
- **Explanation of employment gap:** career break in 1999 to renovate my horse
- **References:** Referees available upon request
- **Skills:** I am a rabid typist
- **Strengths:** Impersonal skills
- **Hobbies:** Enjoy cooking Chinese and Italians
- **Education:** College: August 1880 to May 1984
- **Cover letter:** I would like to assure you that I am a hardy working person.
- **Objective:** To have my skills and ethics challenged on a regular basis
- **Education:** Finished eighth in a class of ten
- **Interests:** Gossiping
- **Awards:** National record for eating 45 eggs in two minutes
- **References:** Bill, Tom, Eric - but I don't know their phone numbers
- **Salary:** The higher the better

## ICT News Headlines & Briefs

- Broadband access: Telcos may get to use BSNL's last-mile network.
- GSM players want number portability put on hold till Jan 2011.
- Deadline for mobile subscriber verification extended till 31<sup>st</sup> Dec 2010.
- BSNL has launched a plan whereby its landline customers can take a free mobile connection and make unlimited free local calls to the landline number.
- Steria, European IT Services Company hopes to hire 900 in December quarter.
- Obama strikes a chord with IT chiefs.
- Headcount addition in Jul-Sep 2010 by top 5 software cos touches all-time high.
- Qualcomm could exit broadband venture by second half next year.
- Flawed 2G spectrum allocation led to Rs 1.76-lakh cr loss: CAG.
- Satyam Raju, 5 others back in jail.
- Google is planning to expand its cloud computing division in India and will be adding more engineers to its team of 300.
- SAP unveils tool to measure IT impact on business metrics.
- The sale of PCs in India grossed almost 28 lakh units during September quarter 2010. Up by 27% compared to corresponding period last year.
- Nasscom estimates that gaming industry would grow 49 per cent to reach \$830 million by 2012.
- The Indian animation industry is estimated to grow at a compounded annual growth rate of 22 per cent to reach \$1 billion by 2012.
- Mr. A. Raja, Minister for Communication and Information Technology resigns due to the perceived issues in the allocation of 2G spectrum.

## Announcements

- For CSI Calendar of Events, pl. visit <http://www.csi-india.org/web/csi/csicalendar-october10>
- Read the recent issue of CSI Student Centric ePublication "Adhyayan" at <http://www.csi-india.org/web/csi/adhyayan-october2010>
- 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](http://www.csi-india.org)
- To get the conf. proceedings of IFIP Networking 2010: International Conference on Networking hosted by IIT Madras and CSI during 10-14, May 2010, pl. contact Mr. S. Ramasamy at [sypsys@md5.vsnl.net.in](mailto:sypsys@md5.vsnl.net.in)

- 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>
- If you are interested in organizing a workshop on “Embedded Robotics” in your college with the support of CSI Education Directorate, pl. contact [Yogendra.gahlaut@csi-india.org](mailto:Yogendra.gahlaut@csi-india.org)

### IT Events: Call for Participation

- CSI 2010: 45<sup>th</sup> Annual Convention. Nov 25-27 at Mumbai. For details visit [www.csi-2010.org](http://www.csi-2010.org)
- NCTCA-10: National Conference on Theoretical Computer Science and Applications. 25-26, Nov 2010 at Chennai. Contact: Ms. M. Sandhya at [nctca201@gmail.com](mailto:nctca201@gmail.com)
- C-DAC Mumbai and CSI are jointly organizing a four days intensive workshop on “BI & DW: Tools and Techniques” during 1-4, Dec 2010 at CDAC Navi Mumbai. Contact: [bidw@cdacmumbai.in](mailto:bidw@cdacmumbai.in). Website: <http://bidw.cdacmumbai.in/?q=home>
- ICoAC 2010: 2<sup>nd</sup> International Conference on Advanced Computing, 14-16, Dec 2010 at Anna University Chennai, MIT Campus, Chennai. [www.annauniv.edu/icoac2010](http://www.annauniv.edu/icoac2010)
- ICSIP-2010: International Conference on Signal and Image Processing, 15 – 17, Dec 2010 at RMD College of Engineering, Chennai [www.rmd.ac.in/icsip2010/](http://www.rmd.ac.in/icsip2010/)

### Call For Papers:

- NCCSE – 2011: 2<sup>nd</sup> National Conference on Computational Science and Engineering. 4-5, Feb 2011 at Kochi. Email: [mca.rajagiri@gmail.com](mailto:mca.rajagiri@gmail.com) / [jayamahesh99@yahoo.co.in](mailto:jayamahesh99@yahoo.co.in) Last date: 30<sup>th</sup> Dec 2010 Website: [www.rajagiri.edu](http://www.rajagiri.edu)

### Scholarships & Fellowships

- **ISOC Fellowship to the IETF:** ISOC provides a Fellowship program to enable more technologists from developing regions to attend in person at Internet Engineering Task Force (IETF) meetings. Applications open from 15 November to 17 December 2010 for the next two IETF meetings: IETF 80, 27 March-01 April 2011, Prague, Czech Republic and IETF 81, 24-29 July 2011, Quebec City, Canada. For details, pl. visit <https://www.isoc.org/educpillar/fellowship/index.php>

### InfoQuiz-2010-11-16

1. Who is considered as the “Father of Software Quality”
2. What is common: Cupcake, Doughnut, Éclair, FroYo
3. ----- is the downloadable (from Google) image recognition application used for searches based on pictures taken on handheld devices.
4. Identify company whose Tagline is “The power to do more”
5. Who has authored the book “Who Says Elephants Can't Dance?”

Email your answers by **28<sup>th</sup> Nov 2010** to [csi.infoquiz@gmail.com](mailto:csi.infoquiz@gmail.com) with subject “**infoquiz-2010-11-16**”. Please provide your full address and 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](http://www.srasys.com)). Answers along with the winner info will be published in the next issue.

### Answers & Winners of InfoQuiz-2010-11-01

- Tony Buzan, ACM-ICPC contest, [www.top500.org](http://www.top500.org), Tech Mahindra, Brooks’s Law
- Mr. K.K. Prasad from Bangalore is the first one to answer correctly and Mr. Sanjay Jain from Gwalior is the lucky winner. They will receive a cheque for Rs. 500/= from SRA Systems shortly.

### 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 1<sup>st</sup> and 16<sup>th</sup> of every month. While adequate care has been taken to ensure the accuracy of links provided, we do not accept any liability. 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](mailto:hrmohan.csi@gmail.com)

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