FLOSS adoption by the govt. of India

Atul Kumar Jha

CSS Corp. India

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- ICT was not in picture.

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  - Open technology centre launched.

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- Likely to continue in the next plan period also.

NMEICT: Three Thrust Areas

- Bandwidth:
  - 1 GBPs bandwidth to every one of 500+universities and their affiliated colleges
- Low cost access device
- Content generation (FOSS effort at IIT mumbai)
  - Textbook Companion
  - Spoken Tutorial

Objectives of MHRDs Tablet

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MHRD's Tablet Softwares

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- Will unleash FOSS opportunities:
    - Training, GNU/Linux distribution for millions of students

Content generation (FOSS effort at IIT mumbai)

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- Spoken Tutorials

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Kerala state govenment ICT initiative

- Achievements
    - Worlds largest Simultaneous deployment of FOSS(Free and Open Software Systems) initiatives in Education sector
    - The IT practical examination in free software for about 15 lakh students, first of this kind in the world
    - IT Mela 2008 conducted entirely on free software platform was introduced to encourage IT initiatives among students and teachers
    - Winner of National e-governance Award for the Best Project and also the winner of World is Open Award 2008

NRCFOSS

- National Resource Center for FOSS
- Support and Funding from the Dept of Information and Technology
- Objectives
  - Bridge the digital divide
  - Bring ICT to the masses
  - Strengthen the Indian software industry with FOSS technologies
  - Encourage community participation
- Achivenments
  - Over 2,00,000+ deployments of Gnu/Linux
  - Huge saving of revenue
  - More than 100,000 students got introduced to FOSS
  - FOSS Support centre established in many parts of country

Open Technology Centre

- Set up in March 2007 in Chennai
- A division of National Informatics Centre,
- With funding from DIT, MCIT
- Activities:
    - Assistance in National Policy on Open Standards for e-Governance
    - Recommending and promoting the adoption of Open Source Software Stack
    - Provisioning support mechanism for Open Source Software Stack

Sucess: Open Technology Centre

- NIC mail server - 2,00,000+ mailboxes
- E-procurement system (tendering) across states
- E-court project - 12000+ Linux laptops across India
- Common Integrated Police Application (CIPA)
- Trained around 100 teams on FLOSS at various government departments

AMTRON

- Assam Electronics Development Corporation Ltd (AMTRON)
- Promotion of communication and information technology
- Technology hub for Assam and other north east state

Sucess: AMTRON

- Anundoram Borooah Award Scheme 2005
    - Free computers (powered by Linux) awarded to deserving students
    - Almost 1,00,000 Linux PCs distributed so far
    - Loaded with with Ubuntu Operating System + educational packages (scilab, GNUPlot, Dr. Geo, step and Kalzium)
- FOSS labs set up in 1610 secondary schools
- 900+ schools, students are taught on the GNU/Linux platform
- 2,00,000+ students learn FOSS based computing every year
- More than 43.78 million INR (approx. 1 million USD) saved in five years