



**Workshop-cum-Demo
Open Source Software Tools/Technologies**

July 29, 2009

Venue: Jacaranda – 1, India Habitat Centre, New Delhi

**Organized by
Centre for Development of Advanced Computing, Noida**



▪ **About FOSS**

The world of Information and Communication Technology (ICT) changes rapidly day by day. New technologies and new opportunities come and go at ever increasing speed. In this scenario, Free/open source software (FOSS) movement offers a methodology to seamlessly adopt and absorb the fast technological changes for the public cause and provide opportunities for government, private sectors, researchers and academic institutions.

The benefit realization of FOSS has motivated Governments, industries and communities world-wide to adopt and implement FOSS. FOSS has changed the perception of software as a packaged and proprietary commodity offered to customers, and has changed the process of software development and distribution at a fundamental level. FOSS as a concept and technology has contributed, among the other things to widen the choice of solutions and foster competition in a software market, which used to be monopolized by proprietary solution providers.

▪ **National Resource Centre for Free/Open Source Software (NRCFOSS)**

In order to address the issues related to FOSS in the Indian context and to explore how FOSS can play the twin roles of helping to bridge the digital divide as well as strengthening the Indian software industry, the National Resource Centre for Free/Open Source Software (NRCFOSS) was set up in April 2005 as an initiative of the Department of Information Technology, Ministry of Communications and Information Technology, Government of India. Phase I of NRCFOSS was implemented by C-DAC, Chennai and AU-KBC Research Center during 2005 – 2008 and Phase II operations have begun with an expanded implementation group. NRCFOSS endeavours to contribute towards the growth of FOSS in India through Research & Development, Human Resource Development, Networking and Entrepreneurship Development, as well as, serve as the reference point for all FOSS related activities across the country.

▪ **Bharat Operating System Solutions (BOSS)**

As a part of its initiatives under NRCFOSS, C-DAC has come out with an Indian GNU/Linux operating system - Bharat Operating System Solutions (BOSS) based on debian. BOSS GNU/Linux Desktop is coupled with Gnome and KDE desktop environments and available in almost all the official Indian Languages such as Assamese, Bengali, Gujarati, Hindi, Kannada, Malayalam, Marathi, Oriya, Punjabi, Sanskrit, Tamil, Telugu, Bodo, Urdu, Kashmiri, Maithili, Konkani and Manipuri. BOSS GNU/Linux Advanced Server features Web server, proxy server, Database server, Mail server, Network server, File and Print server, SMS server, LDAP server and supports Intel and AMD x86/x86-64 architecture.

▪ **About Workshop-cum-Demo**

As part of the NRCFOSS promotional activities, C-DAC is organising a series of workshop-cum-demo at major cities in India. The workshop is targeted towards the Government officials. It gives an overview about Open source technologies from the emergence of FOSS, its advantages and benefits, Introduction to BOSS GNU/Linux, tools and technologies, language tools and so on.

▪ **Workshop Agenda**

- 09.30 - 10.00 Registration
- 10.00 - 11.00 Introduction to FOSS; Advantages & Benefits of FOSS
- 11.00 - 11.15 Tea Break
- 11.15 - 12.15 Case Studies on FOSS
- 12.15 - 13.15 BOSS GNU/Linux – An Introduction; BOSS GNU/Linux Adoption
- 13.15 - 14.00 Lunch-cum-Demo on BOSS GNU/Linux
- 14.00 - 15.00 Q & A session

▪ **About C-DAC**

C-DAC as a premier initiative of the Department of Information Technology (DIT), Ministry of Communications and Information Technology (MC&IT), Government of India, embodies the national spirit of indigenous high-end research and development for state-of the-art technologies and solutions. In order to compete with contemporary IT Sectors and to bridge digital divide in Indian society, C-DAC has congregated its endemic human & technical resources towards the design, development & deployment of electronics & IT Products and Solutions. The core technology areas of C-DAC include High Performance Computing and Grid Computing; Multilingual and Heritage Computing; Professional Electronics encompassing VLSI, Embedded and Real Time Systems, Control Systems, Broadband and Wireless Systems, Strategic Electronics, Power Electronics, Agri-Electronics; Software Technologies including FOSS, e-governance solutions and ICT for Development solutions; Cyber Security and Cyber Forensics; Health Informatics and Ubiquitous Computing.

▪ **BOSS Support Centres**

| | | |
|----------------------------------|-----------------------|-------------------------|
| Bengalooru: 080-28523300 | Chennai: 044-22542226 | Hyderabad: 040-23150115 |
| Kolkata: 033-23573950 | Mohali: 0172-2237054 | Mumbai: 022-26201488 |
| New Delhi: 011-24301313 | Noida: 0120-3063344 | Pune(HO): 020-25694093 |
| Thiruvananthapuram: 0471-2314412 | | |

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Date: 29th July 2009

FREE REGISTRATION FORM

Name: _____

Age: _____

Gender: M F

Designation: _____

Organisation: _____

Address: _____

Phone (O): _____ (R) _____

(M) _____ (Fax) _____

E-mail: _____

Please mail the registration form to:
Centre for Development of Advanced Computing (C-DAC)
C-56/1, Sector 62, Noida - 201 307
Phones: +91-120-3063344/2402551/52/53/54/55/56/57/58/59/60
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www.cdacnoida.in

Also Register Online : www.bosslinux.in/workshop