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EXCERPTS OF SOME OF THE INTERVIEWS CONDUCTED ON FOSS/BOSS ADOPTION IN INDIA

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ABSTRACT

As the whole world is passing through the transition phase from proprietary softwares towards FOSS(Free and Open Source Software). India is also in the same travel. But lagging behind many countries. The authors tried to get feedback from many software users , experts and thinkers and made a summary of their feedback taken in form of interview through Internet and whatsapp. The results collected are not in favour of India and points towards to make honest efforts with strong willpower to bring out fast change in the system to cater for FOSS/BOSS (Bharat Operating system solution) adoption and making it a social movement.

Keyword: *FOSS, free and open source software, BOSS, Bharat operating system solution, feedback, interview.*

I.   INTRODUCTION

The author collected more than one hundred mobile numbers of software users of various states of India. And through whatsapp and/or email sent them the questions mentioned below with answers of users. These questions are about knowing the status of FOSS adoption,govt efforts, the outcomes as success in FOSS adoption, Lackings in efforts and actions required to counter the less than expected results. Few of them responded back and important feedback provided by some of the users is given below.

II.   OBJECTIVES

The main objectives comprise to get in depth data and information and also the feelings and reactions of software users of India of various types. Therefore interview of a student, a software professional and a very senior FOSS supporter has been covered in this paper.

III.   RESEARCH METHODOLOGY

Interview technique for data collection has been used. This interview was conducted by sending the questions on e mail and through a google group.

IV.   DETAILS OF INTERVIEWES CONDUCTED

Interviwee 1: Kunal Verma, Feelance Java Developer B. Tech.CSE (5th Sem) GNDUniversity

Interviwee 2: Milind OKA, FOSS SUPPORTER AND ACTIVIST AND AUTHOR OF MANY COMPUTER BOOKS N DEVELOPER OF MANY FOSS FOR STUDENTS AND TEACHERS

Interviwee 3: Aashish Dakhane, Software Test Engineer

Q1) what is india 's position in development of FOSS in comparison
to other countries?
Interviewee 1 : Until now India has had a patchy, lukewarm relationship with free software without a strong push for everyday computing to adopt FOSS.

Interviwee 2: Ranked at about 20

Interviwee 3: We are no where because we had just customized the Linux version which has invented by foreign countries.

Q 2) what are reasons that India is much back in FOSS/BOSS adoption?
Interviewee 1 : There are ccertain Reasons FOSS is not os famous and operatable in India and India is still far behind the others countries in Foss Development.These are as Follows:
  1.) Setting up Linux is very Difficult for a normal beaing as compared to propeirity softwares.
  2.) There is lesss guidance provided to the user as compared to paid Softwares.

3.) If you Stuck in a problem ,only online forums can save you.
4.) Most of the websites running in India uses Microsoft Servers with Asp platform. But recently Microsoft issued .net Core pacakage for linux also which is free to use.
5.) The bottom line is that the NON-ACCEPTABILITY of Open Source Solutions in the business world is the main reason for less action in Asia.

Interviwee 2: Digital Illiteracy. Faulty education system, corruption, slavish mentality.

Interviwee 3:
1. Lack in promotion and Marketing.
2. Requirement to make it more user friendly.
3. shortage of Applications and games .
4. Lack of hardware and Software support from the hardware vendor

Q 3) What efforts is Govt of India is doing for FOSS/BOSS adoption ?
Interviwee 1 : doing efforts
Interviwee 2: No serious efforts from the government. only rituals. Fortunately MHRD has done a great job by making school curriculum vendor neutral.
Interviwee 3: Nothing.

Q 4) What is lacking in Govt efforts for FOSS/BOSS adoption?
Interviwee 1 :
Lack of Infrastructure and Budget
Lack of Adequate Software
Lack of Real-Time Collaboration
Interviewee 2 : Will (willpower)
Interviewee 3:
1. Lack of promotion and Marketing.
2. Need to make it more user friendly.
3. Lack of Applications and games .
4. Lack of hardware and Software support from the hardware vender .
5. Lack of Eco-System.

Q 5) Is there any difference between Congress and BJP in their aproach
towards FOSS/BOSS adoption?
Interviewee 2 : No difference.

Q 6) What steps should be taken for getting ahead in foss/boss
development n adoption and popularising it.?
Interviewee 2 :It should be done on priority. Awareness programs like swach bharat mission, polio, beti bachao must be arranged on FOSS and BOSS

Interviewee 3 :
1. Promote it in electronic and Print media daily with its features and Support.
2. Make it a mandatory Part of our education system like including it Syllabus of 1st stander to PG .
3. Make 24/7 OS support system.
4. Need to make it more user friendly while installation and use. Increase the graphics quality.
5. Need to Make App store for Applications and games .
6. Make mandatory for hardware and Software support from the hardware vender .
7. To build smart Eco-System for BOSS/FOSS.
8. To make it a Part of Indian IT Industry.

9. Make it mandatory for central Government, State Government ,Bank and Educational(Jobs in Colleges and University) Jobs.

Q 7) what is your reaction to govt efforts through Department of electronics and IT? and not making the foss/boss adoption a social movement?

Interviwee 2: Government is not taking any efforts. In fact Government is neglecting FOSS.

Interviewee 3 : Its a very sad thing. Govt should make it as social movement and encourage Indians to use make in India (customized os) FOSS/BOSS OS.

Q 8) What are actual obstacles in path of FOSS/ BOSS adoption in India? How they can be tackled?
Interviwee 2: All school, college curricula are based on proprietary software.
(Except NCERT and Kerala state})

Interviewee 3 : See the my above questions and Answers .

Q 9) how to be ahead in world in FOSS/BOSS adoption ?
Interviwee 2: Teachers and students should initiate FOSS movement across the country

Interviewee 3 :
   1. By Increasing the Active Users of FOSS/BOSS
   2. By giving futuristic innovation and services on FOSS/BOSS platforms such as Virtual Reality,Mobile Platforms ,Artificial intelligence .

Q 10) How a teacher, students or a researcher can act as a catalyst in foss/boss adoption?
Interviwee 1 : WE just need to target the right mind at right time.
Every nation has its own indigenous technology-related problems, including those due to its geography, local language, and social conditions. A strong local FOSS community can ensure that these issues are resolved faster, removing barriers to the adoption of FOSS, and thus increasing users' (and potential users') confidence in FOSS. This is true of India as well, and it is critical for us to be strong on the FOSS production front.

The good news is that India has a growing FOSS community. However, there are issues like community efforts being scattered, or not being in tune with Indian needs, and sometimes even lacking in consistence.

Another crucial component of the Indian FOSS ecosystem is the consumer. Merely having a growing contributor community is not good enough. For any growth, the demand and supply dynamics need to be in sync. Thus, a bullish consumption trend is essential for the growth of the FOSS ecosystem. Where does India stand on the FOSS consumption front? We do have an expanding base of consumers, ranging from the government, big enterprises and SMEs spanning across verticals like retail, BFSI and manufacturing. Yet, issues like inadequate advocacy and unsatisfactory government support remain a hindrance to wide-scale FOSS adoption in India.
Interviwee 2: Fight continuouly for FOSS based ICT curriculum in your state.
Intyerviewee 3 : Yes, but first need to Add in educational syllabus as well as in commercials environment.

Q 11) Interviwee 1 :By including FOSS as mendatary subject in Educatonal Intitutes.

Ashish Dakhane have some suggestion about BOSS/FOSS which are as follows :

Available FOSS systems are as follows :
   1. Ubuntu
   1. 2.Illumos
   2. 3.ReactOS

3. Linux Versions under GNU

1. Ashish has gone through the websites of Lennovo, HP and Accer for hardware driver support but haven't seen any driver related Information for BOSS OS. Driver support is required. Required Automatic Device Driver Identifier and Automatic Download and Installation System inbuilt.
2. Add Graphical System tour functionality in BOSS/FOSS OS.This will help beginner user to use system more effectively.
3. Add BOSS App center functionality so that Developers can create upload Apps for BOSS OS. Well Tested and Secure apps will be available on this Apps Store. Expecting some Free BOSS Online/OFF Line Antivirus software,Business application like Tally and its migration support,Health, Farm Management and Support Application,Social Networking ,Educational such as Government Job exam Preparation and Practices exam application,Skill Development apps ,E-Learning Apps ,News and Weather information app, Encyclopedia, Banking ,Games and Online Shopping pre-installed applications.
4. Add in built Antivirus Software for BOSS/FOSS OS this will prevent user from Linux based Viruses ,Worm ,Spyware and Malware application and Websites .
5. Dual Boot option is required.
6. Required BOSS Cloud Drive for each user so that user can Save and Sync importent data on Indian government Servers.
7. System Update Notifier Utility is also required.
8. Pre installed In built tutorial Videos required including System Administration ,BOSS App and Web hosting

9. For Anujta Software it will be very good to have feature such as in built web application development IDE and boss and cross platform Application development IDE.
10. Virtual Reality,VR platforms ,Mobile , OS for ATM,Tablet Platforms ,Artificial intelligence, Voice,visual pointing(gesture base OS Commands) and Touch base command base OS input systems so that Blind and physically handicap user can use this systems.
11. BOSS OS base Mobile , Tablet , smart Devices and Learning Programs and certification programs are required
12. Required Online/OFLine Training and 24/7 Support center is required.
13. In built bug and Automatic Error Reporting and Tracking system is required so that BOSS Support team will get inputs from Active users easily and solve the problem online. This will increase the user trust towards BOSS OS.

Ashish Dakhane is waiting for New BOSS OS Version with above mentioned Features.

V. CONCLUSION

Computer software users and software expert thinkers are not satisfied by the govt efforts in direction of FOSS/BOSS adoption. According to them the govt. is not having sufficient willpower and honest motive to bring about the foss in Indian users.Similar is the outcome of the govt efforts for foss adoption. Hence rank of India is not good in this field as compared to other countries. Also FOSS developed by india specially BOSS has big shortcomings. Which is a good proof of Govt failure in replacing windows by new FOSS i.e. BOSS.

REFERENCES
No refrences has been used.