An Introduction To Open Source Software

- What is Open Source Software ?

- Why should you care ?

- How is Open Source Software created and used ?

- What are the challenges / barriers to adoption ?

- Where do "YOU" come in ?

What is Open Source Software ?

- History
  - What is closed source software ?
  - When can we call software 'open' ?
    - Different levels of 'openness'

- Why is Open Source Software a GOOD THING !
  - Or, how Open Source Software avoids problems arising in closed source software

Why should you care ?

- Not a new concept !
  - Open Research, Open Standards, Open Source !

- How has OSS affected the software industry ?

- How will OSS continue to influence advances in the software industry ? ...and also other fields ?

- Why is it in the best interests of Indian IT and ITES companies to adopt OSS ?

How is OSS created and used ?

- Communities ! Communities ! Communities !
  - Who participates in these communities ?
  - Is it only communities that make OSS what it is ?
  - Fedora to Red Hat, Ubuntu to Cannonical, OpenSuse to Novell ....etc

- Business Models
  - Direct revenue
    - Red Hat, Novell, MySQL
  - Indirect revenue
    - IBM, Dell, HP

What are the challenges / barriers to adoption ?

- Proprietary software is mainstream – In industry and education.
  - Migration is costly and time-consuming
    - Vendor lock-in makes it even more harder
  - Students tend to use what they were taught

- Open Source Business Models not well understood

Where do "YOU" come in ?

- Benefits of participating in a community

- How do you take the first steps ?

References

- What is Open Source Software ?
  - http://www.opensource.org/
  - http://www.gnu.org/philosophy/free-sw.html
  - http://www.fsf.org/
- Why should you care ?
  - http://www.redhat.com/about/whyopensource/
  - http://www.dwheeler.com/oss_fs_why.html
  - http://www.google.com/search?q=why+open+source
- How is Open Source created and used ?
  - http://en.wikipedia.org/wiki/Open_source

Conclusion

- Open source approach is not new

- Open source approach is here to stay

- Open Source is a ***GOOD THING !***

Questions ?

Thanks for listening !