

Why FOSS?

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What is FOSS?

- A more efficient model for software development
- The development of each software project is co-ordinated by an autonomous entity
- Produced software is published as free intellectual property
- Consists of three main elements
 - A culture
 - A Legal framework
 - The software itself



What is FOSS?

- **The Culture:** Software is a part of human knowledge, and hence must be Free. Software including source code must be available to all the people to use, learn from, develop upon and redistribute.
- **The Legal Framework:**
 - Already existing licenses including:
 - GPL
 - BSD style
 - Apache License



What is FOSS?

- The Software:

- Enterprise Software:

- OpenERP, Admpiere, vTiger, MariaDB, PostgreSQL, Asterisk, Jboss, Tomcat, Hadoop, SpagoBI, etc...

- Desktop Software:

- LibreOffice, Gimp, VLC media player, Firefox, Thunderbird, etc..

- Internet Services Software:

- Apache web server, Sendmail, Postfix, bind, mediawiki, etc...

- Mobile:

- Andriod, Tizen, etc...



Why FOSS – National Perspective

- Directing ICT investment towards building Egypt's human capital
- Improving Egypt's position in the balance of trade
- Localization of ICT technology
- Increasing control over our national IT infrastructure; Security and Lock-in
- Increasing Egypt's role in the international ICT ecosystem



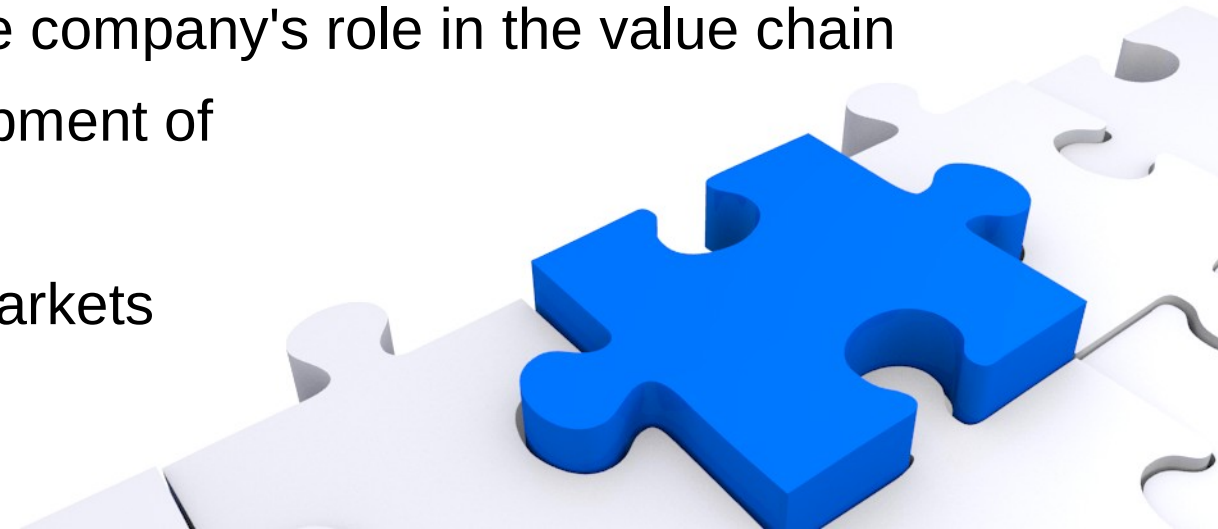
Why FOSS – National Perspective

- Availing ICT to deprived segments
- Reducing public expenditure on ICT
- Reducing the cost of building Egypt's cloud infrastructure
- Provide Egypt with a competitive edge in the international cloud services market



Why FOSS – ICT Industry Perspective

- Providing ICT businesses with a cost advantage over companies using proprietary technology
- Increasing the profit margin while maintaining the cost competitive advantage
- Opening up new markets, especially in the SME market segment
- Opening up new business opportunities by providing differentiated offerings through customization of FOSS
- Creating new revenue streams by increasing the company's role in the value chain
- Opportunities to segment the cost of the development of non-differentiators among multiple businesses
- Expanding training and technical publications markets



Why FOSS – Customer Perspective

- Avoiding vendor lock-in
- Based on open standards, hence simplifying interoperability
- Avoiding license limitations on software reuse
- Customizability
- Better security
- Lower cost



Why FOSS – Developer Perspective

- Excellent learning opportunity through the examination and study of software source code
- Gaining international experience through collaboration with highly skilled international professionals
- Achieving international exposure through participation in open source project

