

Compelling Relationship Between SOA and Open Source Software

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Agenda

What is open source software ?

Why use open source as part of your SOA platform?

How do you evaluate open source SOA products?

Summary

What is open source software ?

- Open source software is any software released under licenses and terms approved by the approved by Open Source Initiative.
 - www.opensource.org
Most Commonly Recognized Licenses: GPL, LGPL, MPL, BSD, Apache
 - Government License: NASA Open Source Agreement
- **To be Open Source you must be able to:**
 - **Read the source**
 - **Redistribute both the source and binary**
 - **Modify the source**
 - **And use the software freely.**

Why use open source as part of a SOA platform?

Answer: Open source underpins the goals of SOA

SOA Goals/Benefits

- Agility / Flexibility
- Reuse
- Quality
- Teams of SMEs
- Improved communications
- Consistent enterprise processes
- Forces standardization
- Enterprise transparency
- Fuel innovation
- Better service to constituency

Open Source Goals/Benefits

- Agility
- Reuse
- Quality
- Stronger technical skill
- Control over your investment
- Ease of procurement
- Low Barrier to entry
- Open source model transparency
- Fuel Innovation
- Better service to constituency

Only way to get the most from your services platform e.g. CDC BioSense

How should open source SOA products be evaluated?

Same exact criteria as proprietary products

- Start with your business goals and functional requirements
- Use the software to determine its viability; Quantitatively and Qualitatively
- Standards based
- License review

With the advantage of:

- Transparency of user and project
 - (e.g.: downloads, access to source, activity of user base, defects outstanding, standards implemented, transparency)
- Complete Application Agility

Summary

- Open source SOA products are the only way to control your own destiny
 - Goals and business drivers for SOA and open source are similar
 - Evaluate same as proprietary products
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- Thank you