

Sustainability Session Summary



Morris Riedel, JUELICH

Peter Stefan, NIIF

3rd EMI All-Hands Meeting

Padova, 17 October 2011

Sustainability Session Overview



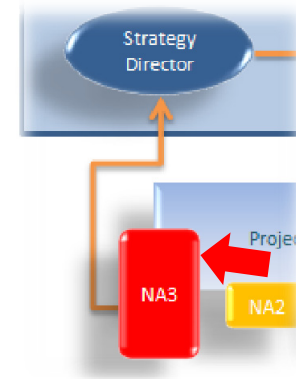
1. Sustainability and Exploitation Overview
 - Peter Stefan
2. Talk from EGI-TF about EMI Sustainability
 - Morris Riedel, Alberto Di Meglio
3. Introduction to Open Source Software Initiative: 'Lighthouse'
 - Alberto Di Meglio
4. Roundtable discussions and question collection



Sustainability and Exploitation



- Presentation by Peter
- Results inherited from NA2
 - Definitions for sustainability and common understanding, but users?
 - List of exploitable EMI results like products, policies, and best practices
 - Initial questionnaire result and ‘kick-off’ to think more broadly in the project about sustainability
- Harmonization in technical areas: decrease development and maintenance costs!



EGI-TF Sustainability Session (1)



- Presentation by Morris
- Summary items
 - Different 'drivers' exist
 - Different open source options exist
- Observation from EGI-TF session
 - Many others in our community have the same problems (e.g. EGI, StratusLab, IGE, etc.)
 - We need to align with others gaining more momentum to succeed with sustainability

Expansion of the user base



Decrease of costs



Commercial activities

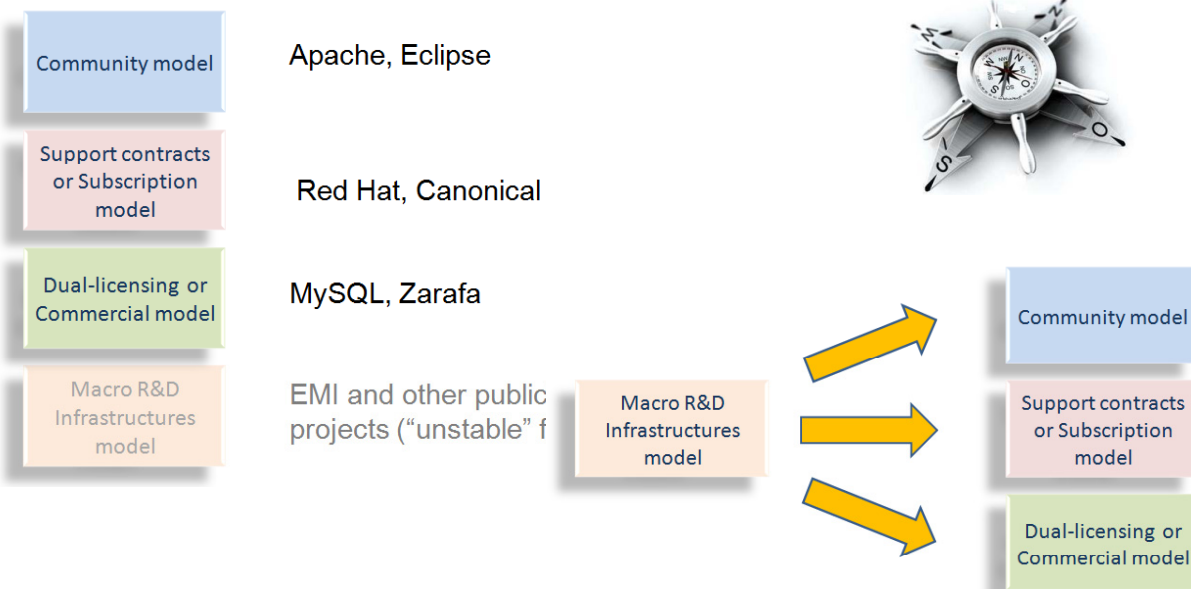


EMI INFO-RI-261611

EGI-TF Sustainability Session (2)



- Traditional funding unstable – where to go?



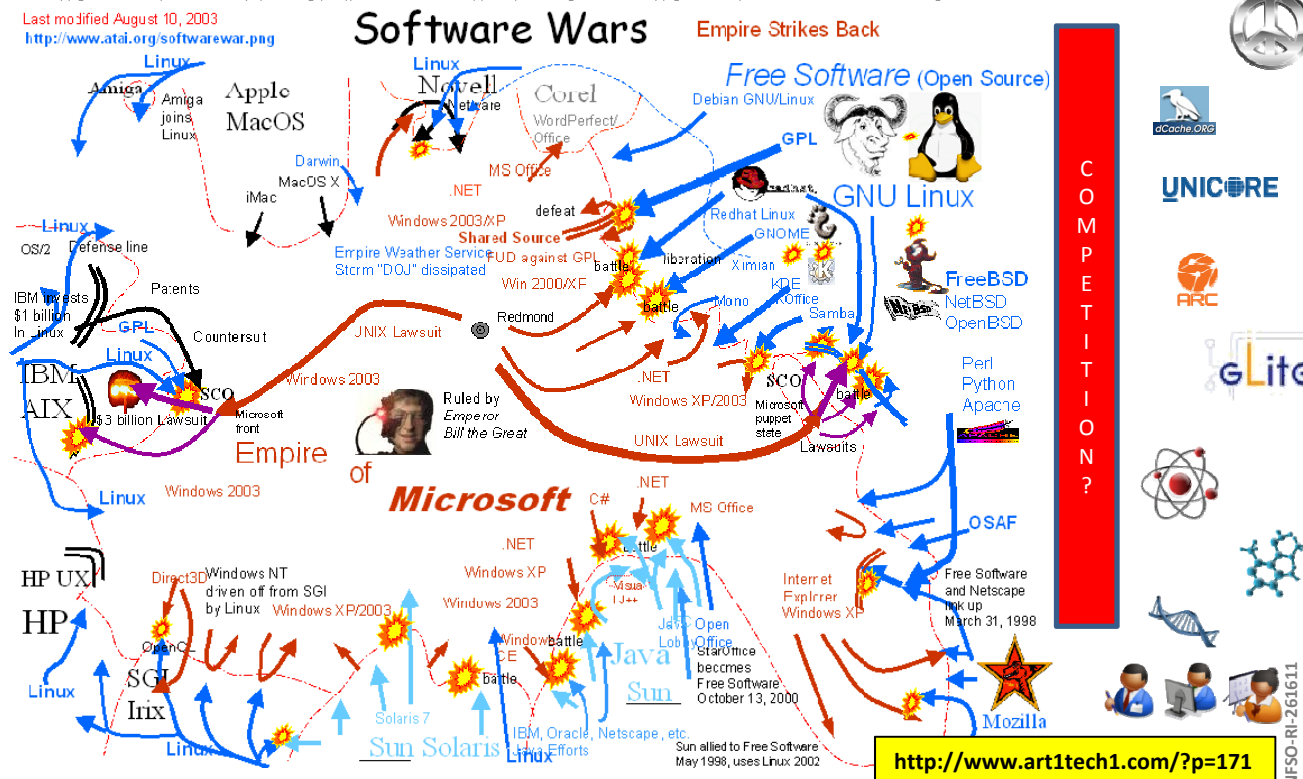
'middleware wars' → Collaborate!



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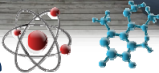
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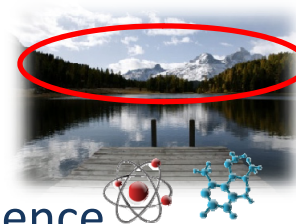
<http://www.atai.org/softwarewar.pag>



Open Source SW Initiative (1)



- Overview given by Alberto
- Draft description exists
 - EMI is Open Source Software for Science 
 - Not only limited to known projects like EMI, IGE, StratusLab – also include scattered libraries, etc.
 - Gain ‘considerable profile’ in science together
 - Governance ideas – maybe initially not funded
 - Payments and money based on grants/donations
- Needs further discussions
 - ECB agreed, but CB needs to discuss it (today)



Open Source SW Initiative (2)



- A new lighthouse – a vision together
 - Better, more open adoption of standard open source practices
 - Incubator for sustainability
 - Create the ‘sw reference’ for science
 - Organizational/legal structure (e.g. Apache, Eclipse)
 - Front-end for existing repos & ‘relevance together’
 - Social aspects of software development (reputation) and use brokering of information/services
 - A ‘focal point’ might be yearly common conventions



Roundtable Notes



- Open questions gathered about Open Source Software Initiative
 - What is the incentive to be part of it?
 - What exactly we would like to sustain?
 - Do we keep the close collaboration?
 - What could be a focal point in the future?
- Agreements and ‘vision creation’ process
 - Innovation has to go along with the software
 - Open Source Software Initiative a good incubator
 - ‘Sustainability drivers group’ to steer the process



Conclusion: Clarified Next Steps



- Product factsheets & better marketing
- Define EMI value & common vision
- Create active 'sustainability drivers' group
- Discuss lighthouse within EMI and beyond the DCI community in the scientific field
- Survey users in order to understand what their future requirements are (e.g. clouds?)
- Explore EMI product use outside academics
- ... align with broader scientific community



Thank you



*Open questions or contributions to
Open Source Software Initiative:
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