The Collaboration of Leading European e-Infrastructures on User Requirements

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EEF - European E-Infrastructure Forum

Forum for the discussion of principles and practices to create synergies for distributed Infrastructures

Goal:

Seamless interoperation of leading e-Infrastructures serving the European Research Area

Focus:

Needs of the user communities that require services which can only be achieved by collaborating Infrastructures

Initial membership:

EGEE & EGI DEISA & PRACE Terena & GEANT

EEF - European E-Infrastructure Forum

Meetings

- Nov 2008 during ICT 2008 in Lyon (Kickoff)
- March 2009 during OGF25 in Catania
- May 2009 during DEISA PRACE Symposium in Amsterdam
- Sep 2009 during EGEE'09 in Barcelona
- Oct 2009 (via phone conference)

Offer

Way of interacting as a whole with user communities of a multi-national nature that are interested in making use of the Infrastructures

Objectives

- Share information within the group on status and direction of e - Infrastructures
- Gather input and form common opinion on subjects that will impact the long - term goals, function and effectiveness of Europe's e - Infrastructures
- Present a common view on e - Infrastructures to peer groups elsewhere in the world
- Provide input on the vision and model for Europe's e - Infrastructures
- Be able to offer a clear added - value to key user communities by offering them access to Europe's e - Infrastructures in a coordinated manner and help them devise computing models that make use of the European e - Infrastructures
- Interact with emerging structures to transmit the experience gained from existing production Infrastructures and formulate common user requirements

ESFRI @ EGEE'09

CLARIN
Common Language Resources and Technology Infrastructure

DARIAH
Digital Research Infrastructure for the Arts and Humanities

metadata
accessing data
data harmonisation
ethics
cessda
social science data
confidentiality
data catalogue
data preservation

EPOS
EUROPEANPLATEOBSERVINGSYSTEM

EISCAT

LIFEWATCH

SKA
SQUARE KILOMETRE ARRAY

ELIXIR EUROPEAN LIFE SCIENCES INFRASTRUCTURE FOR BIOLOGICAL INFORMATION

Cherenkov Telescope Array

European XFEL

FAIR Facility for Antiproton and Ion Research

GSI

Draft matrix for technical requirements & organisational aspects compiled by Bob Jones

requirement	CLARIN	DARIAH/ CESSDA	EISCAT3D	EPOS	LIFEWATCH	ELIXIR	XFEL	CTA	FAIR	SKA
Single sign-on	X	X		X	X	X	X	X		
Persistent storage	X	X	X	X	X	X	X	X		X
Global Scope		X		X				X	X	X
Workflows	X				X	X		X		X
Virtual Organisations	X				X		X	X		
Standards	X	X			X					

DRAFT

Proposed next steps (1)

Identification of clear contact points between the ESFRI projects and e-Infrastructures

Establish contact points in specific areas:

- *Single sign-on, AAAA*
- *Security*
- *Data management*
- *Network*
- *others*

7th eConcertation Meeting on Oct 12-13, 2009 in Brussels

- ESFRI project and eInfrastructure presentations illustrated the complexity of the mapping of community needs and eInfrastructure services

- Need to start to establish closer interactions between the ESFRI projects and eInfrastructures clearly demonstrated

What has happened since EGEE09?

(compiled by Bob Jones)

- Refining template and gathering the list of contacts from the ESFRI and e-infrastructure projects NEERI09 Meeting in Helsinki on 1-3 October
  - organised for CLARIN and other humanities ESFRI projects (CESSDA, DARIAH)
  - with e-infrastructures (EGEE/EGI, DEISA/PRACE, GEANT)
  - and EC (DG for Research, European Commission and DG INFSO) in Helsinki
  - http://www.csc.fi/english/pages/neeri09/programme/index_html
- Similar meeting being planned for Jan'10 in Cambridge hosted by EBI for life science ESFRI projects
- National meetings to formulate/coordinate ESFRI involvement/support
- European E-infrastructure Forum has entered into contact with eIRG

Proposed next steps (2):

Use contacts to refine matrix for technical requirements & organisational aspects

requirement	CLARIN	DARIAH/ CESSDA	EISCAT3D	EPOS	LIFEWATCH	ELIXIR	XFEL	CTA	FAIR	SKA
Single sign-on	X	X		X	X	X	X	X		
Persistent storage	X	X	X	X	X	X	X	X		X
Global Scope		X		X				X	X	X
Workflows	X				X	X		X		X
Virtual Organisations	X				X		X	X		
Standards	X	X			X					

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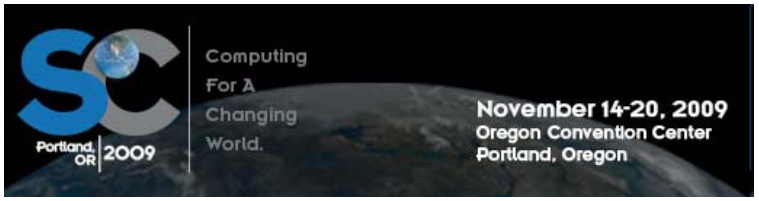
Proposed next steps (3) (compiled by Bob Jones)

Once the matrix has been built it can be used to focus:

- Collaboration between ESFRI projects
- Collaboration between ESFRI projects and e-Infrastructures
- Provide input to roadmaps for e-Infrastructures of the future
- Provide input to national funding agencies and European Commission on their future funding programmes

Events

Supercomputing Conference Nov 2009



17 Nov 2009, Portland
BOF on “European Grid and HPC Infrastructures”

GÉANT Launch Event
1-2 Dec 2009, Moderna Museet, Stockholm

5th EGEE User Forum
12-16 April 2010, Uppsala

DEISA PRACE Symposium
10-12 May 2010, Casa Mila, Barcelona