Involvement of Grid Community in NESSI-GRID SRA v3.0

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Involve the community in the edition of the next versions of the SRA for business grids

Scope of Research and Development in Business Grids

Adaptive service oriented infrastructures to support arbitrary business applications: service computing, utility computing, virtualization, SLAs…

Instruments for Participation in versions of the NESSI-Grid SRA
Open Discussions in SOI-NWG meetings and mailing list
Consultation Processes in the edition of the SRAs

2007						2008									
Jul	Aug	Sep	Oct	Nov	Dic	Jan	Feb	Mar	Apr	May	Jun	Juy	Aug	Sep	Oct

Community Involvement Process NESSI-Grid SRA v2.0

Community Involvement Process in NESSI-Grid SRA v3.0

SRA v2.0 was made subject to a **broad community review process** which resulted in several extensions of state of the art, identified requirements and challenges:

- **Research Projects**: ASSESSGRID, A-WARE, BRIDGE, EDUTAIN@GRID, G-ECLIPSE, GRID4ALL, GRIDTRUST, HPC4U, KWF, ONTOGRID, SIMDAT, SORMA, XTREEMOS, ProGRID, UNIGRIDS and BEinGRID
- **Infrastructures**: CESGA and EGEE
- **Middleware**: GRIA, gLite, UNICORE, GRID4ALL Middleware, Globus GridWay and KNOWARC
- **Individual Contributors** (Experts): Craig A. Lee (the Aerospace Corporation/OGF President), Yvon Jégou (INRIA), Oscar David Sánchez (INRIA), Bernd Scheuermann (SAP), Daniel Galindo and Luis Pablo Prieto (TI+D), Daniel Vladusic (XLAB), Gregor Pipan (XLAB), Marjan Šterk (XLAB), Matej Artač (XLAB), Silvana Muscella (Metaware), Steve Crumb (OGF), Mark Linesch (OGF), David Snelling (Fujitsu Labs UK), Ali Anjomshoaa (Mobability Limited), Ian Osbourne (Intellect UK), Rubén S. Montero (UCM), Antonio Puliafito (University of Messina), Syed Naqvi (CETIC), Philippe Massonet (CETIC), Pierluigi Ritrovato (CRMPA), Björn Kolbeck and Jan Stender (Zuse Institute Berlin).

NESSI-Grid
contributing to
NESSI

PHASE A: Design and Development of the Open Process

- **March 1-May 15, 2008:** Design and development of the contribution models for community involvement in the edition of SRA v3.0.
- **May 15, 2008:** Release of SRA v2.5.
- **June 5, 2008:** Presentation of SRA v2.5 and Community Involvement Process at Open Grid Forum 23 (Barcelona).

PHASE B: Implementation of the Open Process

- **June 9-July 31, 2008:** Call for participation in the edition of SRA v2.5.
- **July 31, 2008:** Publication of contributor lists at SOI NWG site.

PHASE C: Analysis of Contributions

- **August 1-September 19, 2008:** Evaluation of the response of the community and incorporation of the contributions into the SRA v2.9.
- **September 22, 2008:** Presentation at NESSI Office in Brussels of the community involvement process and contribution management process.
- **October 1-October 22, 2008:** Consultation loop closing and publication of last draft for comments
- **October 30, 2008:** Release of SRA v3.0.

The first draft (v2.5, May 15th 2008) for SRA v3.0 includes
- Refined description of research challenges
- Challenges roadmap and timeline of business scenario adoption from the consortium perspective
- Proposal of business Indicators
- Detailed tracking among business scenarios, state of the art, gap identification and research challenges

The final version of SRA v3.0 (October 30th, 2008) will include
- Extensions from the review process by the community
- Expected impact on the European Economy and the adoption timeline of the business scenarios from the community perspective
- Assessment of current market situation from the community perspective
- Evaluation of the perceived complexity, relevance and urgency of research challenges from the community

The aims of the consultation were:

- To **provide an open and public instrument to collect comments**, extensions and change proposals to all the sections of the SRA.
- To **evaluate the expected impact** on the European Economy and the adoption timeline of the business scenarios.
- To **obtain qualitative values for the proposed business indicators** in order to have a rough snapshot of the current use of Grid technologies in business environments.
- To **evaluate the perceived complexity, relevance and urgency to meet the Business Scenarios requirements** of the research challenges.

Experts from Industry, Research and Academia have provided feedback and contributed to the NESSI SRA using the **following models**:

- Contribution Form
- Questionnaire

All stakeholders in this field were invited to participate in order get a precise understanding about envisioned scenarios, state-of-the-art, challenges, business impact and actual roadmaps and recommendations for realizing the vision.

The participation was open to any individual without having to register as member of NESSI

Valuable contributions will be acknowledged in the SRA

Contribution Form

- Word file to submit comments, extensions and/or change proposals
- Contributions were accepted for all sections: Business Scenarios, State of the Art, Research Challenges….

NESSI-Grid FP6-033638

NESSI-Grid SRA v2.5 Contribution Form

The Service Oriented Infrastructure NESSI Working Group (www.SOI-NWG.org) is defining the NESSI Strategic Research Agenda on new generation of ITC infrastructures (NESSI-Grid SRA). In this context, business Grid is envisioned as the adaptive service-oriented utility infrastructure for business applications, which will become the general ICT backbone in future service oriented economies. The aim of this template is to collect the feedback from relevant members of the Grid community on the draft of the third version of the NESSI-Grid SRA (v2.5).

CONTRIBUTOR

Name:	
Project (if participating in any European project):	
Organization:	Business sector: ☐ Academic ☐ Industry
E-mail:	

1. Overall Comments on the SRA

2. Specific Comments and Amendments on Sections
Copy the next table for each section. Comments have to be accompanied by an amendment proposal. An amendment proposal will be produced by copying the amended text and introducing changes under change control.

Section Number:
Comment
Amendment

Section Number:
Comment
Amendment

Thank you for participating in this survey. Your feedback is important in helping us improve future versions of the NESSI-Grid SRA. Please do not forget to complete your name and affiliation. Accepted contributions imply that the corresponding contributor gets cited in an acknowledge section.

NESSI-Grid
contributing to *NESSI*

Questionnaire (close questions)

Web survey tool:
- to provide feedback on the impact on the European economy and adoption timeline of the business scenarios,
- to rate the proposed business indicators and so asses current market situation
- to evaluate perceived complexity, relevance and timeline of research challenges, and so to define a challenges roadmap

SOI-NWG mailing list (wg-service-oriented-infrastructure@nessi-europe.eu) and WIKI (www.SOI-NWG.org)

- Open discussion on the contents of the SRA
- Updates of the SRA

Web page for the community process:

http://www.soi-nwg.org/doku.php?id=sra:process3

- Detailed description the open process
- Contribution Form file
- Link to the questionnaire
- Contact information
- Results of the process

The Community involvement process was **extensive and very successful**

Contribution Forms

Research Projects (11)

- A-WARE by Claudio Cacciari (CINECA)
- GRIDCOMP by Denis Caromel (INRIA)
- GRIDCOMP by Marco Danelutto (UNIPI)
- SORMA by Erel Rosenberg (Correlation Systems Ltd)
- XTREEMOS by Luis Pablo Prieto (Telefónica I+D)
- ADMIRE by Sabri Pllana (University of Vienna)
- SIMDAT/GRIA by Mike Boniface (IT Innovation)
- KNOWARC by Peter Stoll (science+computing ag)
- ONTOGRID/SemsorGrid4Env by Oscar Corcho (UPM)
- CHALLENGERS by Konstantinos Tserpes (NTUA)
- BREIN by Ioannis Kotsiopoulos (The University of Manchester)

Contribution Forms

Experts (11)

- Mario Antonioletti (EPCC): TG5 Data Management
- Silvana Muscella (Trust-IT Services & OGF Europe): OGF-Europe, EGEE-III, Reservoir, Echogrid
- Steven Newhouse (Microsoft & OGF)
- Antonio Puliafito (University of Messina): RESERVOIR
- Magdalena Escalas (Grid Systems): BEinGrid, NextGrid, GridComp, @neurIST
- Eduardo Oliveros (Telefónica I+D): IRMOS, BREIN, Akogrimo
- Bela Berde (Bell Labs France)
- Philipp Wieder (Dortmund University of Technology): CoreGRID, SLA@SOI
- Philippe Massonet (CETIC): Reservoir, GridTrust, CoreGrid
- Davide M. Parrilli (ICRI – K.U. Leuven): BEinGRID
- Mike Surridge (IT Innovation): BREIN, Edutain@Grid, IRMOS and Chair of TG6 (Trust and Security)

Questionaires (28)

- Kevin Doolin (TSSG, Waterford Institute of Technology): PERSIST
- Bela Berde (Bell Labs France)
- Erel Rosenberg (Correlation Systems Ltd): SORMA
- Werner Dubitzky (University of Ulster): QosCosGrid
- Werner Dubitzky (University of Ulster): DataMiningGrid
- Peter Stoll (science+computing ag: ProGRID
- Philippe Massonet (CETIC): GridTrust
- Henar Muñoz (Telefónica I+D): BREIN
- Eduardo Huedo   (dsa-research.org, UCM): Globus GridWay, EGEE, BEinGRID
- Roman Dementiev (SAP): XtreemOS
- Claudio Cacciari (CINECA): A-WARE
- Piotr Domagalski (FedStage Systems)
- Sabri Pllana (University of Vienna): ADMIRE
- Sergio Bernardi (CINECA): A-WARE

Questionaires (28)

- Eduardo Oliveros (Telefonica I+D): IRMOS
- Konstantinos Tserpes (ICCS-NTUA): CHALLENGERS
- Clara Otero (Incoras): OMP
- Gabriel Zaquine (BT): EGEE
- Aliaksandr Birukou (University of Trento): COMPAS
- Philip Wieder (Dortmund University of Technology):   SLA@SOI, CoreGRID
- Marco Danelutto (Univ. of Pisa): GridCOMP, CoreGRID
- Achim Streit (Forschungszentrum Jülich GmbH): UNICORE
- Ruben S. Montero (dsa-research.org, UCM): RESERVOIR, OpenNEbula
- Jacek Serafiński (Poznan Supercomputing Center): QosCosGrid
- Krzysztof Kurowski (Poznan Supercomputing Center): QosCosGrid
- Ian Jones (Ansys)
- Pierre Baudelle (HP)
- Gregor Pipan (XLAB)

Comments in the Contribution Forms have been incorporated into

- Section 1: Introduction
- Section 2: Basic model
- Section 3: Business scenarios
- Section 4: State of the art
- Section 5: Research challenges
- Section 8: Roadmap
- Section 10: Glossary

Answers to the Questionnaire have been used to evaluate

- Expected economy impact and adoption timeline of the business scenarios, defined in Section 3
- Values of the business indicators to assess current market situation in Section 7
- Perceived complexity, relevance and urgency of the research challenges, defined in Section 5

Thank you for your input and feedback!