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Communication Plan

Validation of Metrics-Based Quality Control

We decided to distinguish dissemination and a collaboration plan. The former spreads the words about our project to target groups outside the project. The latter provides means to exchange information among the project participants.

Dissemination Plan

Activity / Channel	Target group	Due to date	Responsible
Project Web Site (www.arisa.se/index_projects.html)	<ul style="list-style-type: none"> – Research community – Other companies / partners – KK foundation 	2006/04/01	ARiSA, Partner companies
News letter	<ul style="list-style-type: none"> – Management and other divisions in partner companies – VXU's, MSI's PR division – MSI's collaboration group – KK foundation 	First 2006/04/31 Then once per quarter	ARiSA, Partner companies
MSI's collaboration Web Site (www.vxu.se/msi/samverkan)	<ul style="list-style-type: none"> – VXU's, MSI's collaboration partners in industry and public sector 	Together with newsletter	ARiSA, Roger Lindqvist (MSI's collaboration group)
Web Services Competence Center (WSCC, www.wsc.info)	<ul style="list-style-type: none"> – ARiSA's collaboration partners in industry and public sector 	Together with newsletter	ARiSA
IT press releases	<ul style="list-style-type: none"> – IT industry in Sweden 	Together with newsletter	ARiSA, Anders Runesson (MSI's PR)
Scientific conferences: <ul style="list-style-type: none"> – International Conference on Software Maintenance (ICSM) 	<ul style="list-style-type: none"> – Research community – Project partners 	Twice a year: ICSM –	ARiSA

– European Conference on Software Maintenance and Reengineering (CSMR)	– Software development projects (industry or community driven)	March, CSMR – October	
Scientific Journal: Software Practice and Experience	– Research community – Project partners – Software development projects (industry or community driven)	Once 2008	ARiSA
Licentiate and Dissertation Rüdiger Lincke on Validation of Metrics-Based Quality Control	– Research community – Project partners – Software development projects (industry or community driven)	Jan 2007 and Jun 2009, resp.	ARiSA
Compendium on Quality Standards and Metrics (www.arisa.se/compendium)	– Research community – Project partners – Software development projects (industry or community driven)	Initial version 2005/09/30 Permanently updated	ARiSA
Final Seminar	– Management and other divisions in partner companies – Swedish IT industry – VXU's, MSI's PR division – MSI's collaboration group – Local press – KK foundation	Jan 2009	ARiSA

Project Web Site (www.arisa.se/index_projects.html)

The Project Web Site is integrated in the ARiSA Web site (www.arisa.se) that also describes the tools and methods we use and points to related publications.

News letter

Will summarize the projects experiences and results once a quarter. It will be an input to the PR divisions at Växjö University and MSI (Lars-Olof Nilsson, Lars-Olof.Nilsson@vxu.se, and Anders Runesson, Anders.Runesson@msi.vxu.se, respectively) and the Collaboration group at Växjö University and MSI (Per Brolin, Per.Brolin@vxu.se, and Roger Lindqvist, Roger.Lindqvist@msi.vxu.se, respectively).



MSI's collaboration Web Site (www.vxu.se/msi/samverkan)

MSI's Collaboration group responsible Roger Lindqvist will publish project information on the MSI's Collaboration Web using the newsletters as input.

Web Services Competence Center (WSCC, www.wsc.info)

WSCC is a non-profit cluster of academic and industry partners focused on the development and promotion of SOA/Web Services technology, business models and usability. WSCC work internationally with research, knowledge dissemination, certification and validation. We are co-founder of WSCC and will spread the words on the project in this community, as well.

IT press releases

MSI's PR responsible Anders Runesson will edit and issue press releases using the newsletters as input.

Scientific conferences

Major conferences in the field are the International Conference on Software Maintenance (ICSM) and the European Conference on Software Maintenance and Reengineering (CSMR) with submission deadlines in March and October, respectively. We submitted an article to ICSM in March 2006. Smaller conferences and workshops will be considered, as well.

Scientific Journals

Most relevant for our kind of research is the Journal on Software Practice and Experience. Special issues on quality control and metrics will be considered, as well.

Licentiate and Dissertation Rüdiger Lincke on Validation of Metrics-Based Quality Control
Rüdiger Lincke, a PhD student at MSI, works 80% on the project. We expect his licentiate thesis early 2007 and his dissertation mid 2009, i.e. after the project is finished. His research goal and the scientific goal of the project are identical.

Compendium on Quality Standards and Metrics (www.arisa.se/compendium)

Goal of the Compendium of Software Quality Standards and Metrics is to provide an information resource connecting software quality standards with well-known software metrics. In its first version, it has been published in September 2005. This compendium is meant to be a live document. The interested community is free to contribute with new metrics or comments, corrections, and additions to already defined ones. References to validating experiments or industrial experiences are especially welcome.

Final Seminar

In a public seminar we will communicate experiences and results of the industrial research collaboration. Also we will discuss implications and future activities.

Collaboration Plan

Target in all collaboration activities are the project participants, i.e. partner companies and ARiSA.

Activity / Channel	Due to date	Responsible
Project Internal Web Site (www.arisa.se/index_projects.html)	2006/04/01 Permanently updated	ARiSA, Partner companies
Compendium on Quality Standards and Metrics	Initial version 2005/09/30 Permanently updated	ARiSA



www.arisa.se/compendium		
Workshops	Initial workshop 2005/08/05 Then at least one a year.	ARiSA
Work at partner companies' places	At least once per partner company, then on demand.	Partner companies

Project Internal Web Site (www.arisa.se/index_projects.html)

The Project's Internal Web Site is also integrated in the ARiSA Web site (www.arisa.se). Here, we will make available all common documents for download:

- Project application
- Project planning documents (e.g. this communication plan)
- Project progress reports
- Meeting minutes
- Workshop slides and material.

Compendium on Quality Standards and Metrics (www.arisa.se/compendium)

The compendium, cf. description above, is a means for internal communication too since, it exactly defines the quality model we apply.

Workshops

The first workshop took place in August 2005 for developing the ideas and planning the project application. The second workshop took place in February 2006. It was the kick-off workshop for planning the first steps in the project. On this workshop, we decided to have a workshop at least once a year. They will be oriented on milestones/work packages: The following preliminary schedule is decided:

- 3rd Workshop in October/November 2006 (WP4)
- 4th Workshop in November 2007 (WP5)
- 5th Workshop between May 2007 and September 2008 (WP 6, related to the first or latest final feedback from quality monitoring)
- 6th and final Workshop December 2008 (WP 7)

Work at partner companies' places

According to our project plan, we will install so-called Quality Monitors in the software development environments at partner companies. This requires the installation and integration testing of a content management system and our analysis tools at the partner companies' places. Maintenance of these systems is expected to require further work at the partner companies' places.