



Deliverable D0.1 E-Collaboration Suite

Status and Version:	Final version	
Date of issue:	31.03.2006	
Distribution:	Project Internal	
Author(s):	Name	Partner
	Alfano Rosario	Telecom Italia
	Manzalini Antonio	Telecom Italia
Checked by:		

Abstract

The purpose of this deliverable is reporting the e-collaboration suite made available to support project technical activities.



Table of Contents

Abstract	1
Introduction about CASCADAS	3
1 Purpose and Scope of the Deliverable	4
1.1 Document overview	4
2 Web Site	5
3 Mailing Lists	5
3.1 How to join a List (subscribe)	5
3.2 How to leave a list (unsubscribe)	5
4 Code and documents repository	6
5 Wiki page	6



Introduction about CASCADAS

The overall goal of CASCADAS¹ is identifying, developing, and evaluating architectures and solutions based on a general-purpose component model for autonomic communication services; specifically in such context autonomic service components autonomously achieve self-organization and self-adaptation towards the provision of adaptive and situated communication-intensive services. In other words, the project is driven by the ambition of identifying a fundamental, uniform abstraction for situated and autonomic communication entities, at all levels of granularity. This abstraction is called an ACE (Autonomic Communication Element), and it represents the cornerstone of the component model, in which the four driving scientific project principles (situation awareness, semantic self-organization, self-similarity, autonomic component-ware) will properly converge.

The study of ACEs is also the basis for achieving a number of other ambitious objectives that will be explicitly tackled by the project. These objectives derives from the need of providing ACEs with the necessary support of algorithms, knowledge, tools and infrastructures (to be realized again as sorts of ACE based middle-services) to make ACEs a practical and trust-worthy paradigm. On the other hand, they derives from the willingness to attack and explore some crucial aspects related to the complexity and dynamism challenges that stand in situated and autonomic communication vision. These main research objectives, each conceived in terms of a separated scientific WP and each aimed at delivering specific methodological and software tools, include:

- The development of pervasive supervision functionalities across ensembles of interacting ACEs;
- The development of algorithms and techniques to achieve dynamic adaptation and enforce given service properties through self-organized component aggregation of ACEs;
- The development of trust, security and self-preservation techniques;
- The identification of models and tools for the organization, correlation and composition of knowledge networks, according to which ACEs can exploit all the available information about their situation, however sparse and diverse.

The project is structured into 5 work packages (Figure 1), each dealing with specific research thrusts recognized to be critical elements for the situation-aware and autonomic communication services of the future.

Guiding and Validation Activities are the scope of WP6 which provide the means to drive the technology research thrusts, keep them focused around a common perspective and goal, and, later, experiment and validate the research results. Socio-economic analysis will complement the technical requirements by helping in identifying the best directions for

¹ **Partners:** *Telecom Italia S.p.A. (IT), British Telecommunications plc (UK), Budapest University of Technology and Economics (HU), Fraunhofer Institute for Open Communication Systems (DE), Imperial College London (UK), INSTITUT EURECOM (FR), Politecnico di Milano - Dipartimento di Elettronica e Informazione (IT), National and Kapodistrian University of Athens (GR), Universität Kassel (DE), Université Libre de Bruxelles (BE), Università di Modena e Reggio Emilia (IT) Università degli Studi di Trento (IT), University of Ulster (UK), School of Management of Milano (IT)*



optimal penetration of the emerging technologies and results of the project within the European Research Area. In the second phase of the project WP6 will develop a demonstrator of a complete application scenario by integrating all the software and contributions from the Investigation Activities.

The Dissemination Activities will implement a comprehensive outreach and dissemination strategy through 3 pillars, each mapped to a WP: training, dissemination & exploitation, demonstration.

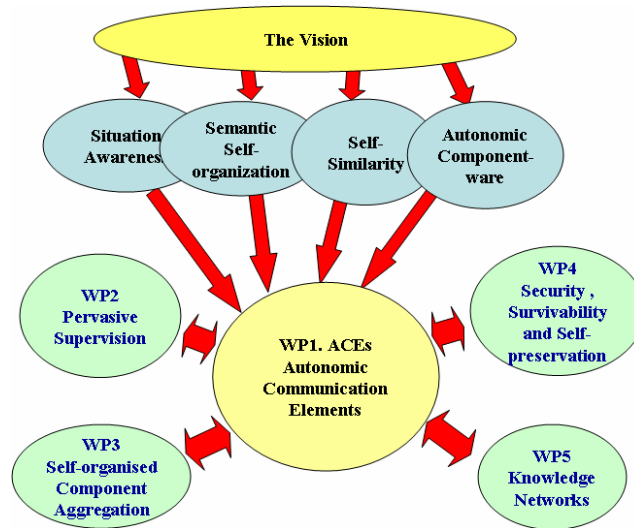


Figura 1 - Project Structure

1 Purpose and Scope of the Deliverable

The purpose of this deliverable is reporting the e-collaboration suite made available to support project technical activities.

1.1 Document overview

The document is structured into three sections, describing respectively the instruments made available to Partners:

- Web Site
- Mailing lists
- Code and documents repository (Subversion)
- Wiki page



2 Web Site

The CASCADAS project web site is accessible at the URLs: <http://www.cascadas-project.org>. Deliverable D8.1 “Public Web Site” describes map and feature of the CASCADAS web site.

3 Mailing Lists

Eight e-mailing lists have been activated: respectively WPs (1 to 6), the Project Management Board and all Participants.

Mailing List address	Description
wp1@cascadas-project.org	Address for e-mails on Work Package 1 issues.
wp2@cascadas-project.org	Address for e-mails on Work Package 2 issues
wp3@cascadas-project.org	Address for e-mails on Work Package 3 issues.
wp4@cascadas-project.org	Address for e-mails on Work Package 4 issues
wp5@cascadas-project.org	Address for e-mails on Work Package 5 issues.
wp6@cascadas-project.org	Address for e-mails on Work Package 6 issues
pmb@cascadas-project.org	Address for e-mails on Project Management Board issues.
all@cascadas-project.org	Address used to reach all Participants

Table 1 - E-mailing lists

3.1 How to join a List (subscribe)

This section describes how to join a list.

To join a list it is sufficient to send a mail to the list subscription address, which will be in the form **LISTNAME-join@DOMAIN**. The subject and body of the message can be ignored. For example, to join the wp1 mailing list just send an email to wp1-join@cascadas-project.org.

After completed the previous instructions, you may receive an email message asking for confirmation that you really want to be subscribed to the list. Follow the instructions given in the message to confirm your wish to be subscribed.

3.2 How to leave a list (unsubscribe)

This section describes how to leave a list.

To join a list it is sufficient to send a mail to the list unsubscription address, which will be of the form **LISTNAME-leave@DOMAIN**. The subject and body of this message can be ignored. For example, to join the wp1 mailing list, send an email to wp1-leave@cascadas-project.org.

After following the previous instructions, you will be sent a confirmation mail and must follow the instructions given in that mail to complete the unsubscription.



4 Code and documents repository

Code, documents and other materials can be managed using the available version control system: Subversion (for further details see <http://subversion.tigris.org/>). Subversion client uses https protocol to access repository.

The project repository is available at address:

<https://cascadas-project.org:444/repositories/cascadas/>

The repository has the following structure:

```
cascadas
|
+ -- branches
|
+ -- tags
|
+ -- trunk --+
|
+ wp1
|
+ wp2
...
+ wp6
```

Figura 2 - Repository structure

In order to create a working copy of the project files on local machine it is necessary to run the following command:

```
svn --username <username> co https://cascadas project.org:444/repositories/cascadas/
```

As such one can work on own local working copy. File can be published to other members using the suitable Subversion commands (add, delete, commit, etc; for more details see Subversion user guide <http://svnbook.red-bean.com/en/1.0/svn-book.html>).

An alternative tool to easily access and modify the repository is the graphical tool: TortoiseSNV (<http://tortoisesvn.tigris.org/>). TortoiseSVN is a Subversion client, implemented as a windows shell extension.

5 Wiki page

Wiki is a web-based collaboration tool (for further information at the following URL: <http://wiki.org/wiki.cgi?WhatIsWiki>). The wiki tool has been made available to project Partners.

The URL of the CASCADAS wiki is <http://cascadas-project.org/dokuwiki/doku.php>.