Integrated Project on Interaction and Presence in Urban Environments

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ipcity.eu

Report on dissemination, visibility and training activities during the project phase I

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Abstract

Dissemination is a support workpackage with two main functions: to ensure that information is distributed between the project partners and within and between the workpackages so that the project can function smoothly and efficiently, and to ensure that the results from the project will be distributed as widely as possible.

Because this has been the first year of the project, there has not yet been many results to be disseminated externally. The main emphasis of the work has been in developing the internal dissemination mechanisms and making them to function smoothly. The internal dissemination mechanisms used are the document repository, e-mail lists, general e-mail, the newsletter and workshops. Facilities developed for external dissemination are the web site, a poster, a brochure, a slide show, an animated logo for video presentations, and templates for additional slide shows and brochures.

1 Activities during phase 1

The major goal of the dissemination activities during the first year of the project has been to develop basic mechanisms and facilities for internal dissemination, and make them to work smoothly and efficiently. Although according to the project plan major results for external dissemination will start to appear from year 2 on, some mechanisms for external dissemination are also needed already during the first project year.

2 Internal Dissemination

The purpose of the internal dissemination activities is to help in creating a shared vision and understanding of the project direction and both long-term and short-term goals, to facilitate the efficient functioning of the project by providing timely access to relevant information, and to help in strengthening the Presence research community within the project. A variety of means for this will be available to the project, and a number of plans will guide the utilisation of the dissemination means and other dissemination activities.

Internal dissemination is directed to project partners. In some cases, like with the e-mail newsletter, communication used mainly for internal dissemination may be made available to other interested parties as well.

2.1 Means of Internal Dissemination

2.1.1 Meetings

Meetings are a central project mechanism for internal dissemination and for the development of a shared vision on project. During the year, there has been two “official” levels of meetings: three general meetings (kick-off in Bonn, and meetings in Vienna and Berlin), and 10 smaller meetings either between work packages, or within one work package but consisting of researchers from several partners.

2.1.2 Central document repository

A BSCW-based document repository has been made available already from the beginning of the project, hosted by FIT. In the end of the year the document collection in BSCW (see Figure 1) consist of over 600 documents.

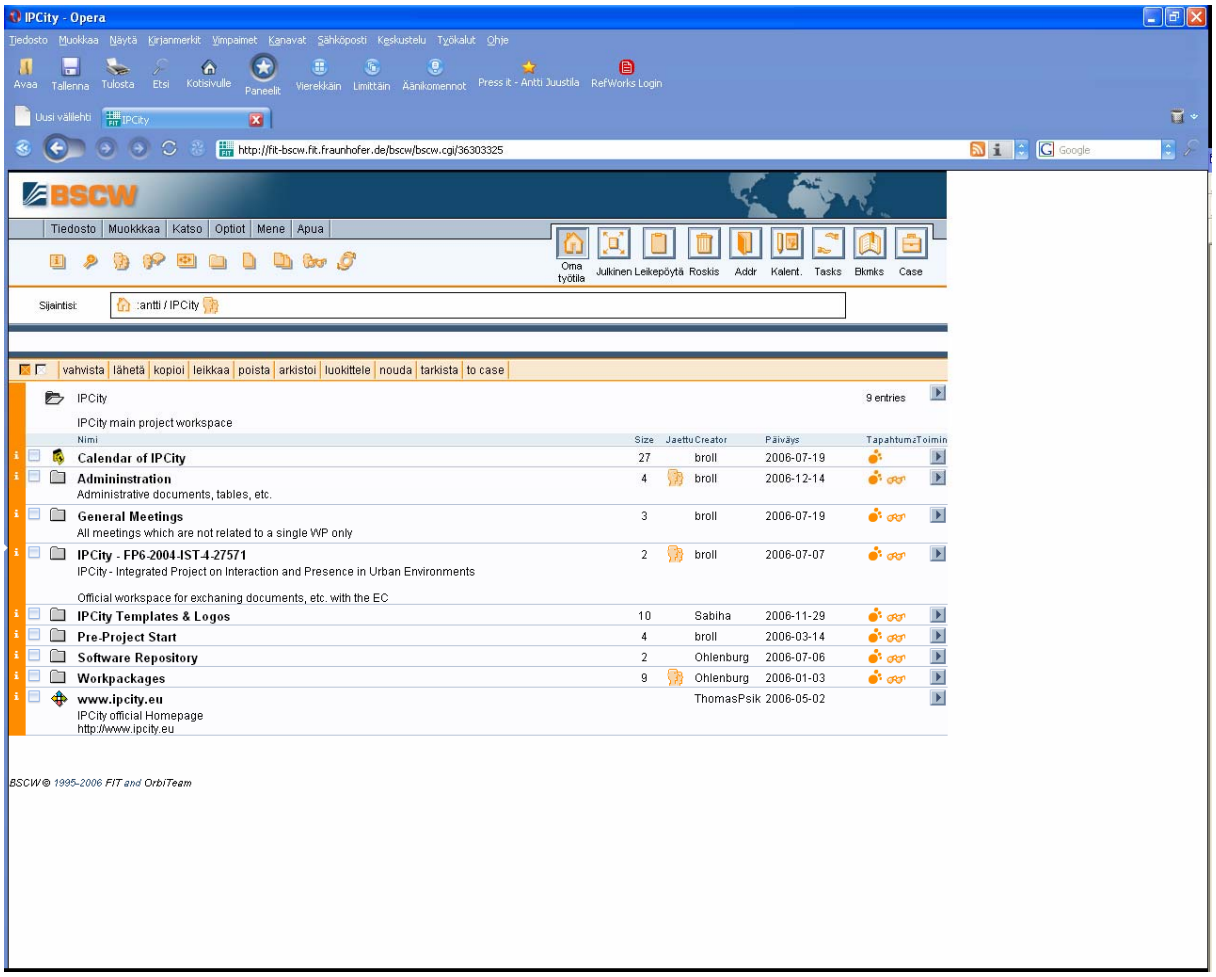

Figure 1: IPCity internal website based on the BSCW technology.

BSCW (Basic Support for Cooperative Work) enables collaboration over the Web. BSCW is a 'shared workspace' system which supports document upload, event notification, group management and much more. To access a workspace you only need a standard Web browser. For more information, see http://bscw.fit.fraunhofer.de/

2.1.3 E-mail mailing lists

Ten “official” mailing lists have been generated in the FIT server, and messages sent to the lists are recorded and saved in the document repository. During the year 185 such “official” messages has been sent. The major volume of communication is taken place person to person or within small groups working with particular issues. As a characteristic example of the volume of all communication, Prof. Kuutti (leader of the Oulu partner, manager of WP2) has received during the year over 900 IPCity-related messages.

2.1.4 WWW-site

A common www-site (www.ipcity.eu, see Figure 2) was started in early April. It is used both for internal and external dissemination purposes. There was a major update both for form and content in November 2006, as a result of discussion in dissemination workshop in the Berlin general meeting in October.

Figure 2: IPCity external website -- main page.

The website contains pages with descriptions of the project in general, and each work package. Site also hosts the contents published in the IPCity Newsletter, both in news/blog version and as an archived newsletter page.

There is also a wiki-type glossary (Figure 3) for unification of the use of concepts. The glossary is a common editor based on wiki, where all participants of the project can contribute to the development of the wiki.

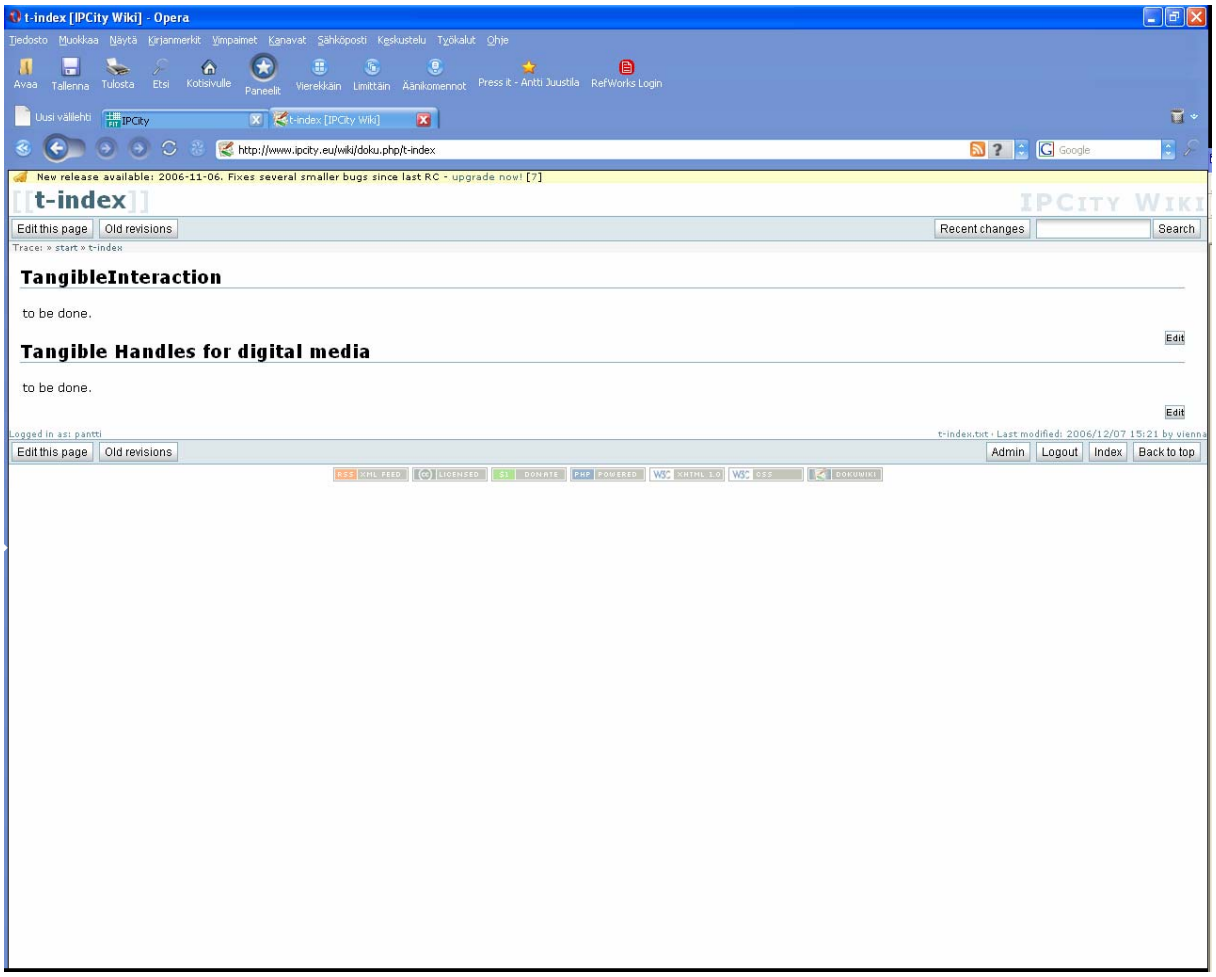

Figure 3: Early version of the Glossary wiki for the IPCity.

2.1.5 Newsletter

After some delay a e-mail newsletter was started in September. It is edited and circulated to all participants once in a month by UOulu. During the year 4 newsletters containing altogether 43 news items have been produced. The amount of content produced by other partners than editor (Oulu) has grown from 0% to 25%. In the end of the year, the distribution list contains all people working in the project, and two persons outside the project (dissemination persons in PEACH and PRESENCCIA projects). It is expected that the distribution will be enlarged during the year 2 when more results are produced.

2.1.6 A system for sharing and maintaining software code and technical information

A special software repository to facilitate the distribution of program code has been created in the BSCW.

3 External dissemination

As mentioned before, there has not yet been much external dissemination activities during the first year of the project. It is expected that the 2nd year will be much more active in this resopct.

3.1 Means of global scientific dissemination

3.1.1 Scientific publications

Ten papers have been submitted for publication. Towards the end of the year there are a number of new papers in preparation

[1] Novotny, Tom, Lindt, Irma, and Broll, Wolfgang. “A multi modal table-top 3D modeling tool in augmented environments”. In Proceedings of the Eurographics Symposium on Virtual Environments (EGVE) 2006, (Lissabon, Portugal, May 8-10), Eurographics Association, 45-52, 2006.

[2] Wittkämper, Michael, Broll, Wolfgang and Lindt, Irma. “A Mixed Reality User Interface Description Language”. Proceedings of the first Workshop on Mixed Reality User Interfaces (MRUI’06) at IEEE VR 2006, Alexandria, VA, USA.

[3] Broll, Wolfgang, Wittkämper, Michael, and Lindt, Irma. “Mixed Reality User Interface Description Language”, Poster, In Virtual/Augmented/Mixed Environments at ACM SIGGRAPH’06 (Boston, USA, July 31 – August 4), 2006.

[4] Broll, Wolfgang, Ohlenburg, Jan, Lindt, Irma, Herbst, Iris, and Braun, Anne-Kathrin. “Meeting Technology Challenges of Pervasive Augmented Reality Games”. In Proc. of ACM Netgames 2006 (Singapore, Oct. 30-31, 2006)

[5] Wittkämper, Michael, Ohlenburg, Jan, Lindt, Irma, Herling, Jan, Broll, Wolfgang, and Ghellal, Sabiha. „Exploring Augmented Live Video Streams for Remote Participation“. Accepted for ACM CHI (San Jose, California, April 28 - May 3, 2007), Trends

[6] Ohlenburg, Jan, Broll, Wolfgang, and Lindt, Irma, “DEVAL – AR/VR Device Abstraction Layer Implementation”, accepted as publication in Proceedings of Universal Access in Human-Computer Interaction (UAHCI) 2007, 2007.

[7] Reitinger, Bernhard, Zach, Christopher, Schmalstieg, Dieter, “Augmented Reality Scouting for Interactive 3D Reconstruction“, accepted as application sketch in Proc. of IEEE Virtual Reality ’07, 2007.

[8] Schall, Gerhard, Mendez, Erick, Reitinger, Bernhard, Junghanns, Sebastian, Schmalstieg, Dieter, “Mobile Geospatial Augmented Reality using Urban 3D Models“, submitted to the Workshop on Mobile Spatial Interaction (in conjunction with ACM CHI ’07), 2007.

[9] Jacucci, G., Oulasvirta, A., Ilmonen, T., Salovaara A., Evans, J., “CoMedia: Mobile Group Media for Active Spectatorship” to appear in CHI2007, ACM press.

[10] Jacucci, G., Salovaara, A., Oulasvirta, A., Ilmonen, Tommi, I., Evans, J. (2006). CoMedia: Integrating Context Cues into Mobile Group Media for Spectators. November 20-21, 2006. The 3rd International Conference on Enactive Interfaces, Montpellier (France).

[11] Juustila, A., Kangas, T. Soudunsaari, L. Räisänen, T. & Kuutti, K. (2007) Bringing Urban Design Site to Studio by using a Remote Surveillance Camera. submitted to the Workshop on Imaging theCity (in conjunction with ACM CHI ’07), 2007.

3.1.2 Demonstrations and video publications

One demonstration has been accepted for publication.

3.1.3 WWW site

The traffic visiting the web site has been increasing, but is still about couple of hits per week. Two other European projects have provided a link from their site to IPCity.

3.2 Means of European Dissemination

3.2.1 Press visibility

At national level, there has been 4 news stories about IPCity in popular magazines, mainly related to the start of the project. There is also one television report on the project:

RTL2:"Welt der Wunder": TV report on Mixed Reality for Architecture and Entertainment. Recorded at Dec. 6th at FIT and in Cologne. Includes material on Showcase 3: TimeWarp and an interview with Wolfgang Broll (FIT). To be broadcasted in January 2007.

3.2.2 Participation in events and workshops

IPCity as a project has been been presented in two events: in the PEACH network meeting in Barcelona in June, and in the IST 2006 conference workshop in Helsinki in November. For the later event, a poster and brochure material were produced.

The following events have also been participated.

IEEE International Symposium on Mixed and Augmented Reality (ISMAR) 2006 (Santa Barbara, CA, USA, Oct. 23-25): DEMO of demonstrator (TUG)

ParticipART interactive art exhibition Mart Museum of Modern Art Rovereto, Art Track of the Participatory Design Conference (PDC) 2006.

Open LabNight at ICG (Graz, Oct. 9): DEMO of demonstrators (TUG)

ACM Netgames 2006: Paper presentation: Wolfgang Broll/Jan Ohlenburg (FIT)

IST 2006: Presence Workshop: Poster presentation: Wolfgang Broll (FIT), Kari Kuutti (UOulu), Giulio Jacucci (HIIT), Anne-Kathrin Braun (FIT), Rod McCall (FIT)

Second International Workshop on Mixed Reality User Interfaces (MRUI) 2007 at IEEE VR 2007 (Charlotte, NC, USA, March 10, 2007): Workshop co-organizer: Wolfgang Broll (FIT)

The 3rd International Conference on Enactive Interfaces, (Montpellier, France, Nov. 20-21): Poster / position paper presentation: Giulio Jacucci (TKK)

Virtual Reality Center Aachen: Annual Meeting: Talk on Mixed Reality in Education and Entertainment, Wolfgang Broll (FIT)

Performing Places seminar on media and embodiment in the urban environment at the Theatre Academy of Finland, (Helsinki, Finland, Nov. 7-9): Co-organizer: Giulio Jacucci (TKK)

Open Workshop on Performative Development: Exploring the experience of 'presence' in a mixed media environment, MCIS 2006, San Servolo, Venezia, Oct 5-9, 2006. Presenters: Thomas Psik, Mira Wagner, Ina Wagner

3.2.3 Demonstrations, workshops and training

None this far.

3.2.4 WWW site

The WWW site will include a special section related to the European level dissemination.

3.3 Means for Local Dissemination

3.3.1 Showcases

All showcases have been in contact with local stakeholders related to their field experiments.

3.3.2 General brochure and leaflet template, publicity materials

The following material has been produced to facilitate the publicity work done by partners locally:

- an IPCity poster
- An IPCity brochure
- a IPCity slide show
- an animated IPCity logo for video presentations
- templates for additional slide shows and brochures.

Acknowledgements and Further Information

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For further information regarding the IPCity project please visit the project web site at:

ipcity.eu