



IST-2001-37652

Hard Real-time CORBA

Title

Meeting Minutes

Vienna, September 11-13, 2002

Authors

Ricardo Sanz (UPM)

Reference

IST37652/011

Date

2002-09-17

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0.1

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Draft

Clearance

Consortium

Partners

*Universidad Politécnica de Madrid
Lunds Tekniska Högskola
Technische Universität Wien
SCILabs Ingenieros*

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SHEET NO. 3 of 9

REFERENCE IST37652/011 0.1 Draft
DATE, 17-9-2002



Summary Sheet

IST Project 2001-37652
HRTC
Hard Real-time CORBA

Meeting Minutes

Vienna, September 11-13, 2002

Abstract:

The present document contains the minutes of the HRTC Plenary meeting held in Vienna on September 11-13, 2002.

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Revisions Sheet (1)

1. Version 0.1
Date: 2002-09-17
Scope of the revision: Initial version of the document
Sheets revised: All



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1 Meeting Type

HRTC plenary.

2 Venue

Date: September 11 – 13, 2002

Place: Vienna, Austria

Location: Technische Universität Wien, Treitlstrasse 1-3, Seminarraum, 4th floor

Date: September 11-13 2002

3 Opening

The plenary meeting of the HRTC Project started at 13:00 on September 11 as planned.

4 Present

4.1 LTH

Karl-Erik Årzén
Klas Nilsson
Christian Anderson
Don Anderson
Anders Blomdell

4.2 SCI

Miguel Segarra
José Antonio Clavijo

4.3 TUV

Hermann Kopetz
Thomas Losert
Roman Obermeister

4.4 UPM

Ricardo Sanz
Manuel Rodriguez
Santos Galán

5 Approval of Agenda

The agenda was approved as follows.



- 1 to 3 **Welcome & Overview**, Hermann Kopetz (15 min.)
- Presentations**, All (5 Min)
- Approval of the Agenda**, GPM (10 min.)
 Objectives of the Meeting, GPM (15 min.)
 Project Status, GPM (20 min.)
 Project Logo (New) (15 min.)
- CORBA in Control Systems**, Ricardo Sanz (30 min.)
- 3 to 3:30 Break
- 3:30 to 5 **Real-Time CORBA**, Miguel Segarra (90 min.)
- 9 to 10:30 **CORBA Pluggable Transports**, Miguel Segarra (30 min.)
 Networked Control Systems, Karl-Erik Arzen (60 min.)
- 10:30 to 11 Break
- 11 to 12:40 **Scheduled Switched Ethernet**, Anders Blomdell (40 min.)
 Introduction to TTA, Thomas Losert (30 min.)
 Smart Sensors, Thomas Losert (30 min.)
- 12:40 to 2 Lunch
- 2 to 3 **TTTech Demonstration**, Ralf Schlatterbeck (30 min.) + Discussion
- 3 to 3:30 Break
- 3:30 to 4:30 **HRTC Hardware Specification** (60 min.)
- 9 to 10:30 **Robot Control Testbed**, Klas Nilsson (80 min.)
- 10:30 to 11 Break
- 11 to 1 **Process Control Testbed**, Manuel Rodriguez (60 min.)
- Project Procedures**, GPM (15 min.)
 HRTC Short term planning, GPM (30 min.)
- Meeting Closing**, TUV

This agenda suffered only two modifications afterwards:

- Herman Kopetz addressed some interface-definition issues (Sept 11)
- Blomdell presentation on Sept 12 was done after TTTEch demonstration

6 Objectives of the meeting

The objectives of the meeting were summarized by GPM:



- Testbeds
 - TTEch equipment demonstration
 - Testbed definitions
 - Hardware specification
- Technology tutorials
- Basic Project Procedures

7 Summary of Decissions

7.1 Platforms

PPC, Linux, RTAI, TTP, Switched Ethernet

7.2 Project Logo

The logo proposal by Sanz was accepted.



7.3 Next Meeting

The next meeting will be held in Brussels. It will be a plenary and a review (Two days).

7.4 Reviewers

The following list of reviewers will be proposed to the commission:

- Barre (Norway)
- Hermann Härtig [haertig@os.inf.tu-dresden.de] (U. Dresden, Germany)
- Julien Maisoneuve (Alcatel)
- Emmertz (ABB)
- Haydn Thompson [thompson@acse.shef.ac.uk] (Rolls-Royce UTC, UK)



8 Dissemination Planning

The dissemination planning deliverable will be closed by September 30. All dissemination activities planned by HRTC partners should be provided before this date.

9 Short-term Task Assignment

1. Write deliverables / All / M4
 - *Analysis of Protocols for Real-time Control*
 - *Testbed Requirements (RCT, PCT)*
 - *Testbed Design (RCT, PCT)*
 - *Dissemination Planning*
 - *Project Management Manual*
 - *Evaluation Plan*
 - *Periodic Reports*
2. Send planned dissemination activities / All / M3
3. Send organization logos / All / M3
4. Web Site + Contents / All / M3
5. Send Presentations / All / 1w
6. Domain Partitioning Draft / LTH+UPM / M4
7. HW/SW Platforms / TUW + LTH + SCI / M3.5
8. WP reports for QR / WPM / M3
9. Flyer for OMG / WP5 / 1w
10. Buy Equipment / All / M4
11. RTAI Ethernet Driver / LTH / M5
12. TCP/IP Tunneling / TUW / M5
13. Migrate broker to PPC Linux / SCI / M5

10 Agenda for Next Meeting

The next meeting will be take place in Brussels on –preferably– the fourth week of January. The major contents of this meeting will be:

- **Status of work**
- **Preparation of review**

11 Closing

Meeting was closed at 12:30 by GPM. The next general meeting will be approved in agreement with the project PO.