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ANSA Phase III

ANSA MC 1294: progress report slides

Rob van der Linden

Abstract

Progress report to the ANSA Management Committee at their meeting on 13 December 1994.

This report covers the first quarter of the ANSA Phase 3 project (the three month period from September 1994 to end November 1994).

This is the first report against the new plan [APM.1275.02], which was approved by the Management Committee in September 1994.

APM.1382.01

Approved

14th December 1994

Project Management (confidential to ANSA consortium for 2 years)

Distribution:

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Phase III
Progress Report
September 1994 - November 1994

to the ANSA Management Committee
13 December 1994

Rob van der Linden

- **Highlights**
- **Finance**
- **Effort and Staffing**
- **Progress and Plans**
- **Risks and Issues**



Highlights

- **New staff**
- **Planned results are rolling out:**
 - “Streams and Signals” and “Binding” architecture accepted at TC
 - ANSAware/RT LynxOS port
 - Extended trading work accepted: trader on the web
 - Interception trials are proceeding
- **OMG UNO proposal was passed**
- **Joint projects are being negotiated with HP, CNET, GPT, ICL, BT**
- **Training programme success at BT**
- **ANSAworks organisation**
- **WWW and EC initiative**
- **Associate programme is progressing well**



Finance

YEAR 2	Last period Mar. - Aug. 1994	This period Sept. - Nov. 1994	Year 2 to date Mar. - Nov. 1994
Income	530,500	271,500	802,000
Actual cost	570,308	253,449	823,757
Under/(over) spend	(39,808)	18,051	(21,757)

(PROJECT)	end Year 1 Feb. 94	mid Year 2 Aug. 1994	to date Nov. 1994
Balance owed:	60,028	20,220	38,271

(Subject to audit by Robson Rhodes and Eric Palmer)



Effort by work package

Activity	This period (9/94 - 11/94)			Effort to date (9/94 - 11/94)		
	Actual	Plan	Delta	Actual	Plan	Delta
A TechXfer	1.4	3.0	(1.6)	1.4	3.0	(1.6)
A Stds	2.1	3.0	(0.9)	2.1	3.0	(0.9)
A Eval	1.3	3.0	(1.7)	1.3	3.0	(1.7)
B Services	7.7	6.0	1.7	7.7	6.0	1.7
C DIMM	5.4	3.0	2.4	5.4	3.0	2.4
C L/c & rep	7.7	12.0	(4.3)	7.7	12.0	(4.3)
SS	1.5	1.0	0.5	1.5	1.0	0.5
CA	3.1	3.0	0.1	3.1	3.0	0.1
PD	2.6	3.0	(0.4)	2.6	3.0	(0.4)
Totals	33.0	37.0	(4.0)	33.0	37.0	(4.0)



Staff movements

- **End August:**
 - Jane Cameron and Gomer Thomas went back to Bellcore
- **End September:**
 - John Warne went back to BNR
- **New staff at the start of November:**
 - Ashley McClenaghan
 - Ben Crawford
- **New staff at the start of December:**
 - Youcef Laribi
- **New staff expected at start of January:**
 - Mark Madsen



Staff Plan

staff members	Dec. 94 - Feb. 95			Mar. 95 - May 95			Jun. 95 - Aug. 95		
	Plan	Avai	Delta	Plan	Avail	Delta	Plan	Avail	Delta
APM	12	12.2	0.2	14.6	14.8	0.2	15.3	14.8	(0.5)
SEC	4	2	(2)	4	2	(2)	4	3	(1)
Total	16	14.2	(1.8)	18.6	16.8	(1.8)	19.3	17.8	(1.5)

- **Secondees**
 - available from HP and ICL
 - expected from Bellcore, CNET, Telefonica/FJ



Progress A tasks (1)

- **Technology transfer (1)**
 - **Barclays: contacts to start Dec. 94: attended TC**
 - **Bellcore: Stu Feldman (TINA) visited us**
 - **Bellcore: Web based MatchMaking service access and use**
 - **BT: workshop to aid technology transfer agreed for March 1995**
 - **CNET: joint ODP review work**
 - **CNET: Retina proposal**
 - **GPT: help port ANSAware/RT to LynxOS**
 - **GPT: possible IN joint project to accelerate scripts and agents work**
 - **HP: link to US strengthened by NJE and GXL presentations**
 - **HP: visits to team in September**



Progress A tasks (2)

- **Technology Transfer (2)**
 - ICL: November Technical Journal has three articles on ANSA work
 - Iona: negotiation about use of internal Orbix interface
 - PRISM: review of TransIP project
 - Telefonica: team interactions to start early 1995
- **Evaluation**
 - Iona Orbix 1.2 and 1.3beta completed
 - PostModern Computing ORBeline completed
 - Xerox (free) ILU is on hold awaiting a bug fix in the C++ stub compiler
 - ICL DAIS 2.1 pre-release expected any time now
 - negotiations with DEC to obtain Object Broker 2.5 were delayed by NDA
 - Made request to Expersoft

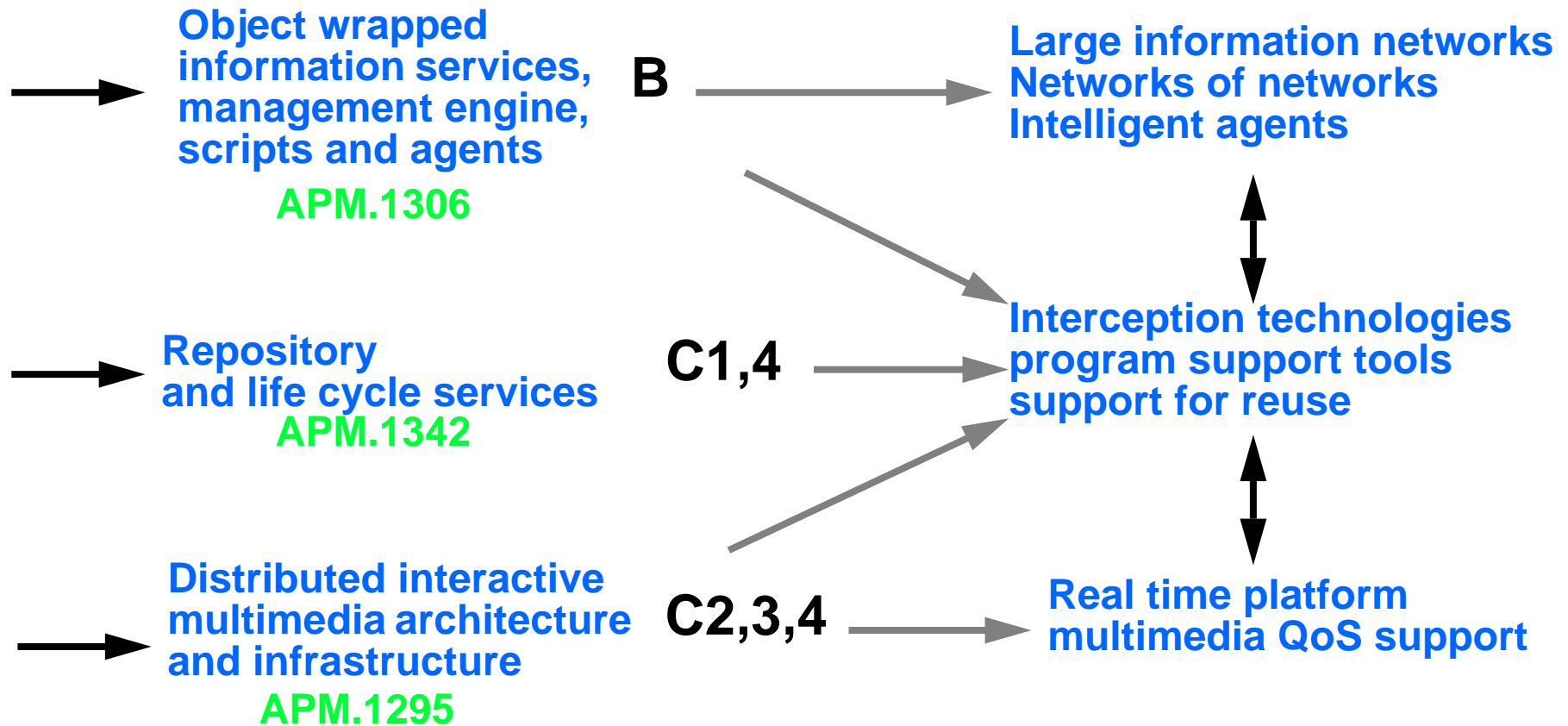


Progress A tasks (3)

- **Standards**
 - **OMG UNO proposal approved**
 - **Heavy commitment to ORB2 chair: AJW full time**
 - **support for ICL, BNR and Iona**
 - **Mostly behind the scenes work to get everyone to vote**
 - **MicroSoft paid for a trip to US to help them adjust to OMG culture**
- **To come:**
 - **ODP meetings in January**
 - **Less OMG involvements in the next quarter**



ANSA Phase 3 technical tasks





Progress B tasks: Information Services

- **Trader front-end on WWW completed**
- **HTML form for arbitrary CORBA services under investigation**
- **CORBA IDL compiler for the World Wide Web under construction**
 - **SUN front end available**
 - **build your own back-end (for WWW)**
- **WWW naming issues**
 - **participate in discussions, giving directions and influencing**
 - **APM.1282: The name of the resource**



Progress C tasks: Distributed Interactive Multimedia

- **Binding Model (APM.1239) and Streams & Signals (APM.1108)**
 - C2a, C2b, C2c: accepted by last weeks Technical Committee
 - Binding model made available to UK QoS standards group
- **Familiarisation with ORBIX, C++ and GNU autoconf**
- **Coding of new nucleus is underway**
 - first cut library of classes for capsule, object and interface
 - experiments with termination and exception handling
 - bugs and inconsistencies in C++ implementations detected & reported



Progress C tasks: Life cycle and repository

- **Completed F3: accepted at last week's TC**
 - MatchMaking service, design and prototype
 - Information Model for Federation
 - Designer's introduction to Trading
- **Matchmaking service ported to Orbix 1.3beta (shared libs)**
- **Model of interception**
 - linked with relocation and binding
 - considers passing interface references in heterogeneous environments
 - prototyping started
- **AST design completed; type inferencing work underway**



Risks and Issues

- **Recruitment**
- **Secondments**
- **Technology transfer programme needs “push” and “pull”**
 - **projects and workshops tailored to individual companies**



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