



ESPRIT Project N. 25 338

**Work Package L
Periodic Management Report
10/97 to 12/97**

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1 Summary of Key Indicators of Project Progress

The most important events during the first three month were the release of the FollowMe Architecture and the Mobile Object Workbench.

All parts of the project are under operation as planned. The communication infrastructure was established (see WP L Project Management).

The first version of the FollowMe Architecture was delivered (see WP A Architecture). This first release is intended to provide a base set of concepts for the architecture backbone, and to allow partners to define the scope and function of work packages as represented by strata.

Due to the urgent needs of the project for a first test bed, an early draft of the Mobile Object Workbench (WP B MOW) was released.

2 Project Progress

2.1 Management Information

The core project team is under full operation since the start of the project. The most important event was a first draft release of the architecture. All other technical work packages have contributed to the definition of the architecture and started requirements capturing.

A communication infrastructure was established (email, WWW, electronic discussion board).

None of the work packages reported deviation from the project plan. Resource consumption is as planned with minor deviations.

2.1.1 WP A (Architecture):

The first version of the FollowMe Architecture (Deliverable DA1.1) was delivered. The first release of this document is planned as an internal project deliverable for the end of November (month 2 of the project). Further releases (full project deliverables) are due in month 6 (March 1998) and month 12 (September 1998). However, it has become clear that it is not good enough to freeze this document between releases, and it is therefore intended that it should

evolve over time, and as more work is done both within strata and on wider architectural issues.

This first release is intended to provide a base set of concepts for the architecture backbone, and to allow partners to define the scope and function of work packages as represented by strata.

2.1.2 WP B (Mobile Object Workbench):

The Requirements and Draft API (Deliverables DB1, and DB3) were completed and included in deliverable DA1.1 .

Due to the urgent needs for a first test bed, an early implementation of the MOW was released.

2.1.3 WP C (Personal Information Space):

Some explorative work was done. The requirements from other work packages and proposals were discussed at the Munich meeting. The work on clarifying these requirements are continued.

2.1.4 WP D, E, F (Autonomous Agents/Personal Profiles/Service Interaction):

These work packages concentrated on surveys about available approaches and requirements capturing from other work packages. Surveys DD1, DE1, DF1 are available.

2.1.5 WP G (Service Deployment):

The survey (deliverable DG1) was prepared and the investigations on requirements and components started.

2.1.6 WP H (User Access):

A Survey (deliverable DH1) and a requirements paper (DH2) was released.

A investigation on java enabled devices (fax, telephone, PDA) was made. Unfortunately it turned out that the market is not yet enough developed, and now java enabled devices are on the market, to be used in the pilot applications. Therefore a shift was necessary to include also non java enabled devices for output.

This may require more effort than planned.

2.1.7 WP I (Pilot Application Bavaria Online):

A survey (deliverable DI1), and a draft set of requirements were produced. Contact with the "Buergernetzvereine" was established.

2.1.8 WP J (Pilot Application Etel++):

The survey (deliverable DJ1) was prepared.

2.1.9 WP K (Exploitation):

A first discussion of the exploitation rights of the results was started.

2.1.10 WP L (Project Management):

Three project meetings were organized:

- 15th /16th of October: FollowMe Kick-Off (Board and Technical Staff)
- 17th to 19th of November: Technical Meeting dedicated to Architecture
- 11th / 12th of December: Technical Meeting and Project Board Meeting

The communication infrastructure (Email-lists, Web-Server, Document Formats) was established.

The consortium contract was prepared.

2.2 Roster of Personnel on the Project

2.2.1 APM

Mike Bursell - Architecture and Mobile Workbench

Douglas Donaldson - Architecture, MOW and Personal Information Space

David Franklin - Architecture and Personal Information Space

Will Harwood - Architecture and MOW

Richard Hayton - Architecture and MOW

Andrew Herbert - Chief Architect

2.2.2 FAST e.V.

M. Breu: Project Manager

H.-G. Stein: Work package coordinator WP J

E. Triep: Work package coordinator WP H

A. Sindermann: Full time software engineer

A. Rajakarunanayake: Software engineer

H. Nandasena: Project assistant

2.2.3 Inria

M. Banatre and V. Issarny: Project leaders.

L. Amsaleg: full time engineer, works on ETEL++

M. Billot: full time engineer, work on WP-G

J-P. Routeau: engineer, helps in building the bridge between ETEL and ETEL++

A-M. Kermarrec: researcher, works on mobility of documents

P. Couderc: PhD student, works on mobility of documents

2.2.4 TCM

Michel Le Nouy

2.2.5 UWE

Dr. Michael Yearworth: Work Package leader for WP D, E and F

FollowMe Management Board

Project Management at UWE

Dr. Steve Battle: Software Engineer and Research for WP D, E and F

Mr. Nick Taylor: Software Engineer and Research for WP D, E and F

Vacancy: Software Engineer and Research for WP D, E and F

Dr. Roger Miles: Project Mentoring and Research for WP D, E and F

Dr. Larry Bull: Project Mentoring and Research for WP D, E and F

3 Deliverables

The following deliverables are available on the Project Hyperwave-Server (<http://hyperwav.fast.de/followme>):

<i>DELIVERABLE</i>	<i>NAME</i>	<i>TYPE</i>	<i>MONTH</i>	<i>Status</i>
DA1.1	Architecture Report	Report	2	Internally available
DA1.2	Architecture Report	Report	6	
DA1.3	Architecture Report	Report	12	
DB1	Survey	Report	1	Internally available
DB2	Requirements	Report	2	Internally available
DB3	Design	Report	3	Internally available
DB4	Interface Specification	Software	3	Internally available
DB5.1	O/S Objects	Software	4	
DB5.2	O/S Objects	Software	7	
DB6.1	Object Locator	Software	4	
DB6.2	Object Locator	Software	7	
DB6.3	Object Locator	Software	9	
DB7.1	Mobile Object Workbench	Software & Report	4	Early draft internally available
DB7.2	Mobile Object Workbench	Software & Report	7	
DB7.3	Mobile Object Workbench	Software & Report	9	
DB7.4	Mobile Object Workbench	Software & Report	12	
DB8.1	Mobile Data Object	Software & Report	5	
DB8.2	Mobile Data Object	Software & Report	7	
DB8.3	Mobile Data Object	Software & Report	9	
DC1	Requirements	Report	3	Internally available

DC2	Design	Report	4	
DC3	Interface Specification	Software	5	
DC4	Object Sharer	Software	9	
DC5.1	User Authentication	Software	9	
DC5.2	User Authentication	Software	13	
DC6.1	PIS Object	Software & Report	6	
DC6.2	PIS Object	Software & Report	9	
DC6.3	PIS Object	Software & Report	13	
DD1	Survey	Report	3	Internally available
DD2	Requirements	Report	4	
DD3	Design	Report	5	
DD4	Interface Specification	Software	6	
DD5.1	Task Agent Shell	Software & Report	7	
DD5.2	Task Agent Shell	Software & Report	10	
DD5.3	Task Agent Shell	Software & Report	13	
DD6.1	Personal Assistant	Software & Report	7	
DD6.2	Personal Assistant	Software & Report	8	
DD6.3	Personal Assistant	Software & Report	10	
DD6.4	Personal Assistant	Software & Report	14	
DE1	Survey	Report	2	Internally available
DE2	Requirements	Report	3	Internally available
DE3	Design	Report	4	
DE4	Interface Specification	Software	4	
DE5.1	Profile Object	Software & Report	5	
DE5.2	Profile Object	Software & Report	8	
DE5.3	Profile Object	Software & Report	11	
DF1	Survey	Report	2	Internally available
DF2	Requirements	Report	4	
DF3	Design	Report	5	
DF4	Interface Specification	Software	6	
DF5.1	Service Shell	Software & Report	7	
DF5.2	Service Shell	Software & Report	10	
DF5.3	Service Shell	Software & Report	13	
DF6.1	Service Directory	Software & Report	7	
DF6.2	Service Directory	Software & Report	10	
DF6.3	Service Directory	Software & Report	13	
DG1	Survey	Report	3	Internally available
DG2	Requirements	Report	4	
DG3	Design	Report	6	
DG4	Interface Specification	Software	7	
DG5	Group Profile Analyser	Software	8	
DG6.1	Service Deployer	Software & Report	12	

DG6.2	Service Deployer	Software & Report	14	
DH1	Survey	Report	2	Internally available
DH2	Requirements	Report	3	Internally available
DH3	Design	Report	4	
DH4	User Interface Language	Report & Software	5	
DH5.1	Device Adapters	Software	6	
DH5.2	Device Adapters	Software	9	
DH5.3	Device Adapters	Software	13	
DH6.1	User Access Module	Software & Report	6	
DH6.2	User Access Module	Software & Report	9	
DH6.3	User Access Module	Software & Report	13	
DI1	Survey	Report	3	Internally available
DI2	Requirements	Report	6	
DI3	Design & Objectives	Report	8	
DI4.1	Working system	Software	10	
DI4.2	Working system	Software	15	
DI5	Evaluation Report	Report	18	
DJ1	Survey	Report	3	Internally available
DJ2	Requirements	Report	6	
DJ3	Design & Objectives	Report	8	
DJ4.1	Working system	Software	10	
DJ4.2	Working system	Software	15	
DJ5	Evaluation Report	Report	18	
DK1	Agreement on IPR	Report, External	6	General IPRs clarified
DK2	Consortium Exploitation Plan	Report, External	15	
DL1	Consortium Contract	Contract	3	Signing Procedure initiated
DL2	Project Progress Report	Report	6	
DL3	Project Progress Report	Report	12	
DL4	Final Project Report	Report	18	

Annex: Table of Resource Consumption

In order to adapt the project plan to the actual needs of the project and to the availability of staff the partners their effort across their tasks. This will not change the overall effort or the dates of any deliverables. These the project board.

		Planned					Total	Used					T
	Architecture												
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRIA	TCM	UWE	
TA1	Scenarios	1,0	1,0	0,5	0,5	0,5	3,5	2,0	1,02	0,50	0,50	0,5	
TA2	Model Creation	4,0	1,0	0,5	0,5	0,5	6,5	1,0		0,13	0,25		
	Total:	5,0	2,0	1,0	1,0	1,0	10,0	3,0	1,0	0,6	0,8	0,5	
	Mobile Objects Workbench												
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRIA	TCM	UWE	
TB1	Survey	1,0					1,0	1					
TB2	Requirements	1,0	0,5	0,5		0,5	2,5	1,5	0,45	0,50		0,627	
TB3	Design	2,0					2,0	1,5		0,50			
TB4	Interface Specification	2,0	0,5	0,5		0,5	3,5	1,5					
TB5	Implementation	14,0					14,0	1					
TB6	Tests	3,0					3,0						
TB7	Deployment	3,0					3,0						
	Total:	26,0	1,0	1,0		1,0	29,0	6,5	0,45	1	0	0,627	
	Personal Information Space												
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE	
TC1	Requirements	0,5					0,5	0,32					
TC2	Design	1,0					1,0						

TC3	Interface	0,5					0,5						
TC4	Implementation	4,0					4,0						
TC5	Tests	1,0					1,0						
TC6	Deployment	1,0					1,0						
	Total:	8,0					8,0	0,32	0	0	0	0	0
	Autonomous Agents												
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE	
TD1	Survey					2,0	2,0						2,541
TD2	Requirements	1,0				2,0	3,0	0,25					0,541
TD3	Design					3,0	3,0						
TD4	Interface Specification					2,0	2,0						
TD5	Implementation					16,0	16,0						
TD6	Tests					3,0	3,0						
TD7	Deployment					2,0	2,0						
	Total:	1,0				30,0	31,0	0,25	0	0	0	0	3,082
	Personal Profiles												
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE	
TE1	Survey					1,0	1,0						1,027
TE2	Requirements	1,0				1,0	2,0	0,25					1,243
TE3	Design					2,0	2,0						
TE4	Interface					0,5	0,5						
TE5	Implementation					5,0	5,0						
TE6	Tests					1,5	1,5						
TE7	Deployment					1,0	1,0						
	Total:	1,0				12,0	13,0	0,25	0	0	0	0	2,27
	Service Interaction												
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE	
TF1	Survey					1,0	1,0						1,075

TF2	Requirements	1,0	2,0	1,0	1,0	1,0	6,0	0,25	1,89	0,50	0,5	0,378
TF3	Design					2,0	2,0					0,108
TF4	Interface					1,0	1,0					
TF5	Implementation					5,0	5,0					
TF6	Tests					1,0	1,0					
TF7	Deployment					1,0	1,0					
	Total:	1,0	2,0	1,0	1,0	12,0	17,0	0,3	1,9	0,5	0,5	1,6
	Service Deployment											
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE
TG1	Survey			2,0			2,0			2,00		
TG2	Requirements	1,0	2,0	2,0	1,0	1,0	7,0	0,25	0,165	1,00	0,5	
TG3	Design			3,0			3,0					
TG4	Interface			1,0			1,0					
TG5	Implementation			8,0			8,0					
TG6	Tests			1,0			1,0					
TG7	Deployment			1,0			1,0					
	Total:	1,0	2,0	18,0	1,0	1,0	23,0	0,25	0,165	3	0,5	0
	User Access											
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE
TH1	Survey		2,0				2,0		3,78			
TH2	Requirements		2,0				2,0		3,78			
TH3	Design		3,0				3,0					
TH4	Interface		2,0				2,0					
TH5	Implementation		16,0				16,0					
TH6	Tests		3,0				3,0					
TH7	Deployment		2,0				2,0					
	Total:		30,0				30,0	0	7,56	0	0	0
	Pilot Application 1											

TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE
TI1	Survey		2,0				2,0		2,22			
TI2	Requirements		3,0				3,0		2,4			
TI3	Design		4,0				4,0					
TI4	Implementation		24,0				24,0					
TI5	Deployment		6,0				6,0					
TI6	Trials		9,0				9,0					
TI7	Evaluation		3,0				3,0					
	Total:		51,0				51,0	0	4,62	0	0	0
	Pilot Application 2											
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE
TJ1	Survey			2,0			2,0			2,0		
TJ2	Requirements			2,0	2,0		4,0			1,4	0,5	
TJ3	Design			3,0	1,0		4,0					
TJ4	Implementation			21,0			21,0					
TJ5	Deployment			6,0	2,0		8,0					
TJ6	Trials			3,0	0,5		3,5					
TJ7	Evaluation			2,0	0,5		2,5					
	Total:			39,0	6,0		45,0	0	0	3,4	0,5	0
	Exploitation											
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE
TK1	Exploitation	2,0	2,0	2,0	3,0	2,0	11,0			0,4		
	Total:	2,0	2,0	2,0	3,0	2,0	11,0	0	0	0,4	0	0
	Project Management											
TASK	NAME	APM	FAST	INRIA	TC	UWE		APM	FAST	INRIA	TC	UWE
TL1	Projekt Management		9,0				9,0		2,1			
	Total:		9,0				9,0		2,1			
	Overall Total	45,0	99,0	62,0	12,0	59,0	277,0	10,8	17,8	8,9	2,3	8,0

