



ESPRIT Project N. 25 338

**Work Package L**  
**Periodic Progress Report**  
**10/98 to 12/98**

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Author(s):	M. Breu, Fast e.V.	Status:	reviewed
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# 1 Overview

This is a reduced project progress report due to the fact that the main effort is now concentrating on the final project report. Therefore it will only contain a reduced chapter on project progress, a status report on the project's deliverable and the table of effort consumption.

## 2 Project Progress

### 2.1 Management Information

The project mainly progressed as planned. The final architecture deliverable (WP B) is now complete, and is internally reviewed by the partners. The work packages B, C, D-F, and G have released their software components and the final deliverables. There is still some maintenance work ongoing, and effort is invested to prepare the final deliverables.

As reported in the last project progress report there was a delay in the service deployment work package due to staffing problems. This problem is now resolved, the work package will be back on its track by the end of the project. The delay will only have local influence on Inria's and TCM's pilot application.

The Bavaria-Online Pilot (WP I) is deployed and under operation. The Etel++-pilot (WP J) is working on the second release.

An update of the exploitation plan was produced (WP K).

#### 2.1.1 WP A (Architecture)

The final version of the architecture report DA1.3 was finished, and is now internally reviewed by the partners.

#### 2.1.2 WP B & C (Mobile Object Workbench & Personal Information Space)

Both work packages have delivered the planned components in PM 12. Some extra work went into the integration an security infrastructure based on SSL. Still there are some minor bug fixes and maintenance ongoing.

#### 2.1.3 WP D, E & F: Agent Framework

During the reporting period the agent framework has released version 1.3. The agents are now fully co-operating with the mobile object workbench and the information space. A first integration with user access has been achieved.

#### 2.1.4 WP G (Service Deployment)

No progress due to staffing problems.

#### 2.1.5 WP H (User Access)

The work on the user access is finished. The basic user access module and device gateways for mail, fax, http, swing, and SMS are available. In the remaining time maintenance and polishing of the software report is ongoing.

### 2.1.6 WP I (Pilot Application Bavaria Online)

Major effort went into the integration of the individual parts of the FollowMe framework.

The regional events calendar application has been deployed at the “Bürgernetze”. Currently the evaluation phase is ongoing. The portfolio application has been developed in a first prototype demo.

### 2.1.7 WP J (Pilot Application Etel++)

Also for ETEL++ major effort went into the analysis and integration of the individual components of the FollowMe framework.

A basic prototype of Etel++ is available. An integration of the agents and the user access is ongoing.

### 2.1.8 WP K (Exploitation)

The exploitation plan has been updated. The partners also undertook individual activities for exploitation

## 2.2 Project Meetings

The following project meetings took place during the reporting period. Minutes and/or slides are available on the project server.

<i>Date</i>	<i>Location</i>	<i>Meeting</i>
30 <sup>th</sup> September – 2 <sup>nd</sup> October	Rennes	FollowMe Team Meeting and Management Board
13 <sup>th</sup> – 15 <sup>th</sup> January	Munich	FollowMe Team Meeting and Management Board

## 3 Deliverables

The following list shows the status of each deliverable as of 30/09/98. The status of the deliverables is either:

- *Internally available*: The deliverable was produced and distributed project-internally. It either serves as an internal basis for technical decisions and preparation of the further deliverables or is a software product that is distributed project-internally. Those deliverables are not handed over to the reviewers. But they can be made available on demand
- *available*: This piece of software was produced and distributed project-internally. These components were integrated in partner's software. These deliverables can be demonstrated and handed-over to the reviewers on request.
- *released*: The deliverable has successfully undergone a formal project-internal review process.

Some deliverables are rescheduled in order to take account the availability of required documents.

Deliverables that are already available are shown in grey:

<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	released
DA1.3	Architecture Report	Report	12	available (under review)
DB1	Survey	Report	1	Internally available
DB2	Requirements	Report	2	released
DB3	Design	Report	3	released
DB4	Interface Specification	Software	3	released
DB5.1	O/S Objects	Software	4	Internally available
DB5.2	O/S Objects	Software	7	available
DB6.1	Object Locator	Software	4	Internally available
DB6.2	Object Locator	Software	7	available
DB6.3	Object Locator	Software	9	available
DB7.1	Mobile Object Workbench	Software & Report	4	Internally available
DB7.2	Mobile Object Workbench	Software & Report	7	Internally available

<i>Deliverable</i>	<i>Name</i>	<i>Type</i>	<i>Month</i>	<i>Status</i>
DB7.3	Mobile Object Workbench	Software & Report	9	internally available
DB7.4	Mobile Object Workbench	Software & Report	12	released
DB8.1	Mobile Data Object	Software & Report	5	Internally available
DB8.2	Mobile Data Object	Software & Report	7	Internally available
DB8.3	Mobile Data Object	Software & Report	9	released
DC1	Requirements	Report	3	released
DC2	Design	Report	4	released
DC3	Interface Specification	Software	5	Internally available
DC4	Object Sharer	Software	9	available
DC5.1	User Authentication	Software	9	Internally available
DC5.2	User Authentication	Software	13	released
DC6.1	PIS Object	Software & Report	6	Internally available
DC6.2	PIS Object	Software & Report	9	released
DC6.3	PIS Object	Software & Report	13	released
DD1	Survey	Report	3	Internally available
DD2	Requirements	Report	4	released
DD3	Design	Report	5	released
DD4	Interface Specification	Software	6	released
DD5.1	Task Agent Shell	Software & Report	7	available
DD5.2	Task Agent Shell	Software & Report	10	released
DD5.3	Task Agent Shell	Software & Report	13	internally available
DD6.1	Personal Assistant	Software & Report	7	internally available
DD6.2	Personal Assistant	Software & Report	8	released
DD6.3	Personal Assistant	Software & Report	10	internally available
DD6.4	Personal Assistant	Software & Report	14	internally available
DE1	Survey	Report	2	Internally available
DE2	Requirements	Report	3	Internally available
DE3	Design	Report	4	released
DE4	Interface Specification	Software	4	released
DE5.1	Profile Object	Software & Report	5	delivered
DE5.2	Profile Object	Software & Report	8	released
DE5.3	Profile Object	Software & Report	11	internally available
DF1	Survey	Report	2	Internally



<i>Deliverable</i>	<i>Name</i>	<i>Type</i>	<i>Month</i>	<i>Status</i>
				available
DF2	Requirements	Report	4	Internally available
DF3	Design	Report	5	released
DF4	Interface Specification	Software	6	released
DF5.1	Service Shell	Software & Report	7	available
DF5.2	Service Shell	Software & Report	10	released
DF5.3	Service Shell	Software & Report	13	internally available
DF6.1	Service Directory	Software & Report	7	released
DF6.2	Service Directory	Software & Report	10	released
DF6.3	Service Directory	Software & Report	13	internally available
DG1	Survey	Report	3	Internally available
DG2	Requirements	Report	4	Internally available
DG3	Design	Report	6	released
DG4	Interface Specification	Software	7	available
DG5	Group Profile Analyser	Software	8	available
DG6.1	Service Deployer	Software & Report	12	shifted to PM 17
DG6.2	Service Deployer	Software & Report	14	shifted to PM 17
DH1	Survey	Report	2	Internally available
DH2	Requirements	Report	3	Internally available
DH3	Design	Report	4	released
DH4	User Interface Language	Report & Software	5	released
DH5.1	Device Adapters	Software	6	internally avail.
DH5.2	Device Adapters	Software	9	available
DH5.3	Device Adapters	Software	13	released
DH6.1	User Access Module	Software & Report	6	internally avail.
DH6.2	User Access Module	Software & Report	9	released
DH6.3	User Access Module	Software & Report	13	released
DI1	Survey	Report	3	Internally available
DI2	Requirements	Report	6	released
DI3	Design & Objectives	Report	8	Internally available
DI4.1	Working system	Software	10	available
DI4.2	Working system	Software	15	available & deployed
DI5	Evaluation Report	Report	18	

<i>Deliverable</i>	<i>Name</i>	<i>Type</i>	<i>Month</i>	<i>Status</i>
DJ1	Survey	Report	3	Internally available
DJ2	Requirements	Report	6	released
DJ3	Design & Objectives	Report	8	available
DJ4.1	Working system	Software	10	available
DJ4.2	Working system	Software	15	shifted to PM 17
DJ5	Evaluation Report	Report	18	
DK1	Agreement on IPR	Report, External	6	available (with DL 1)
DK2	Consortium Exploitation Plan	Report, External	15	updated draft int. available
DL1	Consortium Contract	Contract	3	internally available
DL2	Project Progress Report	Report	6	released
DL3	Project Progress Report	Report	12	released
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 "smoothing" of their effort across their tasks. This will not change the overall effort or the dates of work discussed and accepted by the project board. The changes are reflected in an project implementation plan.

		Planned					Total	Used		
<i>Architecture</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRIA
TA1	Scenarios	1,0	1,0	0,5	0,5	0,5	3,5	2,0	1,0	
TA2	Model Creation	4,0	1,0	0,5	0,5	0,5	6,5	4,7	1,1	
<b>Total:</b>		<b>5,0</b>	<b>2,0</b>	<b>1,0</b>	<b>1,0</b>	<b>1,0</b>	<b>10,0</b>	<b>6,7</b>	<b>2,2</b>	
<i>Mobile Objects Workbench</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRIA
TB1	Survey	1,0					1,0	1,0		
TB2	Requirements	1,0	0,5	0,5		0,5	2,5	1,5	0,5	
TB3	Design	2,0					2,0	3,4		
TB4	Interface Specification	2,0	0,5	0,5		0,5	3,5	2,0	1,0	
TB5	Implementation	14,0					14,0	14,1		
TB6	Tests	3,0					3,0	3,2		
TB7	Deployment	3,0					3,0	1,9		
<b>Total:</b>		<b>26,0</b>	<b>1,0</b>	<b>1,0</b>		<b>1,0</b>	<b>29,0</b>	<b>27,1</b>	<b>1,5</b>	
<i>Personal Information Space</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRIA
TC1	Requirements	0,5					0,5	0,5		
TC2	Design	1,0					1,0	1,9		
TC3	Interface	0,5					0,5	0,5		
TC4	Implementation	4,0					4,0	4,5		
TC5	Tests	1,0					1,0	0,8		
TC6	Deployment	1,0					1,0	0,2		
<b>Total:</b>		<b>8,0</b>					<b>8,0</b>	<b>8,4</b>	<b>0</b>	
<i>Autonomous Agents</i>										

TASK	NAME	Planned					Total	Used		
		APM	FAST	INRIA	TCM	UWE		APM	FAST	INRIA
TD1	Survey					2,0	2,0			
TD2	Requirements	1,0				2,0	3,0	1,0		
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			
	<b>Total:</b>	<b>1,0</b>				<b>30,0</b>	<b>31,0</b>	<b>1</b>	<b>0</b>	
<i>Personal Profiles</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE	Total	APM	FAST	INRIA
TE1	Survey					1,0	1,0			
TE2	Requirements	1,0				1,0	2,0	1,0		
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			
	<b>Total:</b>	<b>1,0</b>				<b>12,0</b>	<b>13,0</b>	<b>1</b>	<b>0</b>	
<i>Service Interaction</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE	Total	APM	FAST	INRIA
TF1	Survey					1,0	1,0			
TF2	Requirements	1,0	2,0	1,0	1,0	1,0	6,0	1,0	1,9	
TF3	Design					2,0	2,0			
TF4	Interface					1,0	1,0			
TF5	Implementation					5,0	5,0			
TF6	Tests					1,0	1,0			
TF7	Deployment					1,0	1,0			
	<b>Total:</b>	<b>1,0</b>	<b>2,0</b>	<b>1,0</b>	<b>1,0</b>	<b>12,0</b>	<b>17,0</b>	<b>1,0</b>	<b>1,9</b>	
<i>Service Deployment</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE	Total	APM	FAST	INRIA

		Planned					Total	Used		
TG1	Survey			2,0			2,0			
TG2	Requirements	1,0	2,0	2,0	1,0	1,0	7,0	1,0	0,2	
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			
	<b>Total:</b>	<b>1,0</b>	<b>2,0</b>	<b>18,0</b>	<b>1,0</b>	<b>1,0</b>	<b>23,0</b>	<b>1</b>	<b>0,2</b>	<b>15</b>
<i>User Access</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRI
TH1	Survey		2,0				2,0		3,5	
TH2	Requirements		2,0				2,0		4,2	
TH3	Design		3,0				3,0		4,3	
TH4	Interface		2,0				2,0		2,5	
TH5	Implementation		16,0				16,0		14,0	
TH6	Tests		3,0				3,0		3,4	
TH7	Deployment		2,0				2,0		1,1	
	<b>Total:</b>		<b>30,0</b>				<b>30,0</b>	<b>0</b>	<b>32,9</b>	
<i>Pilot Application 1</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRI
TI1	Survey		2,0				2,0		2,2	
TI2	Requirements		3,0				3,0		4,1	
TI3	Design		4,0				4,0		1,1	
TI4	Implementation		24,0				24,0		22,9	
TI5	Deployment		6,0				6,0		1,8	
TI6	Trials		9,0				9,0		4,7	
TI7	Evaluation		3,0				3,0			
	<b>Total:</b>		<b>51,0</b>				<b>51,0</b>	<b>0</b>	<b>36,7</b>	
<i>Pilot Application 2</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRI
TJ1	Survey			2,0			2,0			

		Planned					Total	Used		
TJ2	Requirements			2,0	2,0		4,0			
TJ3	Design			3,0	1,0		4,0			
TJ4	Implementation			21,0			21,0			1
TJ5	Deployment			6,0	2,0		8,0			
TJ6	Trials			3,0	0,5		3,5			
TJ7	Evaluation			2,0	0,5		2,5			
	<b>Total:</b>			<b>39,0</b>	<b>6,0</b>		<b>45,0</b>	<b>0</b>	<b>0</b>	<b>32</b>
<i>Exploitation</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRI
TK1	Exploitation	2,0	2,0	2,0	3,0	2,0	11,0	2,0	1,1	
	<b>Total:</b>	<b>2,0</b>	<b>2,0</b>	<b>2,0</b>	<b>3,0</b>	<b>2,0</b>	<b>11,0</b>	<b>2</b>	<b>1,1</b>	
<i>Project Management</i>										
TASK	NAME	APM	FAST	INRIA	TCM	UWE		APM	FAST	INRI
TL1	Projekt Management		9,0				9,0		7,6	
	<b>Total:</b>		<b>9,0</b>				<b>9,0</b>		<b>7,6</b>	
	Overall Total	45,0	99,0	62,0	12,0	59,0	277,0	48,2	84,0	5