



WORKPACKAGES	Month	1	2	3	4	5	6
		Nov 04	Dec 04	Jan 05	Feb 05	Mar 05	Apr 05
1: Incremental near-future planning and plan adjustment		--	--	--	--	--	
2: Set-up development infrastructure		--					
3: Architectural design, component selection, initial interface specification		---					
4: Design & Implementation CWFS		----	-----				
5: Choice / deployment authentication scheme		--					
6: Integration CWFS, authentication scheme and Tomcat			----	-----	-----		
7: webDav deployment within Tomcat, client server configuration setup		----			-----		
8: Development of Bodington III test / demonstration / exemplar tools						-----	-----
9: Bodington III PLE demonstrator configuration and test							-----
9: Quality assurance		---	-----	-----	-----	-----	-----

Project start date: 1 November 2004

Project completion date: 30 Apr 2005

Duration: 6 months

In the following work package specifications the responsibilities are taken to be those involved in performance of the WP, and sometimes these are more broadly specified than actual assignments in the future.

Earliest start and latest completion dates may be approximated from the overview above. A plan refinement in week 3 and monthly plan refinements will yield more accurate dates

Milestones will be allocated in the plan refinement in week 3.

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
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Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
YEAR 1					
WORKPACKAGE 1: Incremental near-future planning and plan adjustment <u>Objective:</u> <i>Ensure useful and realistic plans are maintained in the light of risk evaluation and allied progress</i>	Week 3, Monthly intervals, or when required				
1. Evaluate with team and, if need be, adjust plan			CVS controlled plan		MvH
2. Inform Programme Manager			<u>Motivation and plan to Programme Manager</u>		MvH
WORKPACKAGE 2: Set-up development infrastructure <u>Objective:</u> Ensure the team has a productive development infrastructure					
3. Hardware set-up and OS installation			Working network of development / test servers and clients		SA
4. Tool and component installation: Java IDE, Java libraries, ant, CVS, Tomcat			Software environment		SA

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
WORKPACKAGE 3: Architectural design, component selection, initial interface specification <u>Objective:</u> Refine the initial architecture to the point where individual component development and component interface can be performed					
5. As per objective			CVS controlled architecture, component choices, initial interfaces, analysis-level UML		PC, CP, MvH
WORKPACKAGE 4: Design & Implementation CWFS <u>Objective:</u>					
6. Specify CWFS in conjunction with use case development			CVS controlled specification of CWFS with use cases		CP, MvH
7. Development of CWFS			CVS controlled CWFS initial reference implementation code		SA, CP, WS
WORKPACKAGE 5: Choice / deployment authentication scheme <u>Objective:</u> Ensure that PLE demonstrator has sufficient authentication facilities for realistic deployment					
8. Choose a sufficiently flexible authentication scheme / server			Choice scheme / server		PC, CP, MvH
9. Parameterise / set-up authentication server, build any interfaces for Tomcat			Working configuration		SA. CP. WS

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
<p>WORKPACKAGE 6: Integration CWEFS, authentication scheme and Tomcat</p> <p><u>Objective:</u> Enable basic demonstrator deployment</p>					
10. Integration activities			Working framework v1		SA, WS
<p>WORKPACKAGE 7: webDav deployment within Tomcat, client server configuration setup</p> <p><u>Objective:</u> Add collaborative working via shared data within the framework to basic framework</p>					
11. Initial configuration Tomcat with webDav extension			Working configuration		CP, WS
12. Enable configuration of framework as a webDav client or server			<u>Configurable framework v2</u>		WS, MvH
<p>WORKPACKAGE 8: Development of Bodington III test / demonstration / exemplar tools</p> <p><u>Objective:</u> Enable PLE test and demonstration by providing tools for framework population</p>					
13. Build tool(s) for configured framework test purposes			Code		SA, WS
14. Build tool(s) to demonstrate PLE capacity			Code		SA, CP, WS
15. Re-factor chosen tool(s)			<u>Code and documentation</u>		SA, WS

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
WORKPACKAGE 9: Bodington III PLE demonstrator configuration and test Objective: Test the framework and fix any integration problems					
16. As objective			<u>Working demonstration of PLE and PLE server configured from framework v2</u>		SA, CP, WS, MvH
18. Develop sufficient deployment instructions for others to replicate the demonstrator or deploy their own configurations			<u>Documentation</u>		SA
WORKPACKAGE 10: Quality assurance Objective: Assure deliverable quality via audit procedures (see Bodington III PLE Quality Assurance and Audit plan)					
17. Monitor plans and audit for assessment of all deliverables as part of each work package			Audit trace		MvH

Members of Project Team:

SA = Stuart Anderson
 PC = Peter Crowther
 CP = Chris Page
 WS = Wykeen Seet
 MvH = Mark van Harmelen