



OVERVIEW:

WORKPACKAGES	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1: Assemble project team and review internal data structures of the Generic ePortfolio	■											
2: Redesign of the URI structure of the ePortfolio to create architecture as conformant with RESTian principles of web services design.		■	■	■	■							
3: The application of a RESTian interface to the core data structures allowing structured information requests to be processed by the core.			■	■								
4: The creation of RESTian sockets for the existing Generic ePortfolio tools to handle GET, POST, PUT and DELETE HTTP 1.1 requests.				■								
5: Adaptation of the existing Generic ePortfolio tools to interface with RESTian sockets designed above.				■								
6: Publication of initial specifications to early adopters (Cardiff, SHELL, Bristol).					■							
7: Trialing the RESTian interface with instance specific tools developed at Newcastle, other institutional systems, and with early adopters.					■	■						
8: Documentation of the internal code of the ePortfolio		■	■	■	■	■						
9: Documentation of the RESTian interface		■	■	■	■	■						
10: Package and make available all tools and documentation to the JISC community available for downloading from project website							■					

Project start date: 01-09-2004
 Project completion date: 31-03-2005
 Duration: [07] months

COMMENTS:

The project will be following a rapid prototyping approach to the development of software comprising the ePortfolio Extension Toolkit. As such the documentation of individual workpackages detailed below is provided for guidance only. The project reserves the right to subsequently modify documentation produced at significant “milestone” points in the project plan in the light of prototyping work following these milestones. JISC and in particular the Programme Manager will be kept informed of any such changes.

ePortfolio Extension Toolkit [ePET] – Project Plan Workpackages – Version 1.2 – 28/09/04

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
WORKPACKAGE 1: <i>Objective: Assemble project team and review internal data structures of the Generic ePortfolio.</i>	01/09/04	04/10/04			
1. Assemble team, allocate project roles and identify training needs.	01/09/04	03/09/04	Training needs analysis document to feed into internal University PDR process.		PD
2. Purchase, build and document project server.	01/09/04	03/09/04	Document detailing build environment and listing build and runtime dependencies.		JS
3. Identify appropriate team members and attend JISC "Kick Off" meeting in Birmingham.	07/09/04	07/09/04			PD
4. Freeze developments of current version of ePortfolio and archive for analysis.	05/09/04	04/10/04			Team
5. Review current URI architecture of ePortfolio and document.	05/09/04	04/10/04	Structure map of URI's within initial portfolio.	Yes	Team
WORKPACKAGE 2: <i>Objective: Redesign of the URI structure of the ePortfolio to create a standardised architecture as the base of a Generic ePortfolio conformant with RESTian principles of web services design.</i>	04/10/04	29/01/04			
1. Re-visit current recommendations for RESTian interface design.	04/10/04	08/10/04			AMM, PD, JDM
2. Map and conformance test RESTian URI structure for CV Builder component of ePortfolio.	04/10/04	15/10/04	Structure map of RESTian interface to CV Builder, test results, recommendations for further interface design.		AMM, JDM, PD, SJC, PH, TC
3. Map and conformance test RESTian URI structure for remaining components of ePortfolio.	18/10/04	29/10/04	Structure map of proposed RESTian interface for ePortfolio components.	Yes	
WORKPACKAGE 3: <i>Objective: The application of a RESTian interface to the core data structures allowing structured information requests to be processed by the core.</i>	01/11/04	22/12/04			
1. Implementation of RESTian interface and	01/11/04	22/12/04			

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Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
proposed URI structure from Workpackage 2 to the core data processing functions of the ePortfolio following a rapid prototyping approach.					
2. Evaluation of implementation of specifications/standards to RESTian interface outputs.	08/11/04	22/12/04	Internal conformance report and recommendations for modification to data parsing scripts.		
3. Evaluation of interface design by Technical Consultant.	08/11/04	22/12/04	Internal evaluation report and recommendations for modifications to the interface design.		
4. Modification of core interface in response to activities 2 & 3 and Workpackages 4 & 5.	15/11/04	22/12/04			
5. End of Phase 1 rapid prototyping.	22/12/04	22/12/04	Documentation of initial specifications of RESTian interfaces between components and the core data structures of the ePortfolio and their associated communication protocols.		
WORKPACKAGE 4: Objective: The creation of RESTian sockets for the existing Generic ePortfolio tools to handle GET, POST, PUT and DELETE HTTP 1.1 requests.	29/11/04	22/12/04			
1. Component by component implementation of RESTian interface and proposed URI structure from Workpackage 2 following a rapid prototyping approach.	29/11/04	22/12/04			
2. Evaluation of implementation of specifications/standards to RESTian interface outputs.	06/12/04	22/12/04	Internal conformance report and recommendations for modification to data parsing scripts.		
3. Evaluation of interface design by Technical Consultant.	06/12/04	22/12/04	Internal evaluation report and recommendations for modifications to the interface design.		
4. Modification of component interfaces in response to activities 2 & 3 and Workpackages 4 & 5.	06/12/04	22/12/04			
5. End of Phase 1 rapid prototyping.	22/12/04	22/12/04	Documentation of initial specifications of		

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Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
			RESTian interfaces between components and the core data structures of the ePortfolio and their associated communication protocols.		
WORKPACKAGE 5: <u>Objective:</u> <i>Adaptation of the existing Generic ePortfolio tools, creating the plugs which will allow the tools to interface with RESTian sockets designed above.</i>	29/11/04	22/12/04			
1. Component by component implementation of RESTian interface and proposed URI structure from Workpackage 2 following a rapid prototyping approach.	29/11/04	22/12/04			
2. Evaluation of implementation of specifications/standards to RESTian interface outputs.	06/12/04	22/12/04	Internal conformance report and recommendations for modification to data parsing scripts.		
3. Evaluation of interface design by Technical Consultant.	06/12/04	22/12/04	Internal evaluation report and recommendations for modifications to the interface design.		
4. Modification of component interfaces in response to activities 2 & 3 and Workpackages 4 & 5.	06/12/04	22/12/04			
5. End of Phase 1 rapid prototyping.	22/12/04	22/12/04	Documentation of initial specifications of RESTian interfaces between components and the core data structures of the ePortfolio and their associated communication protocols.		
WORKPACKAGE 6: <u>Objective:</u> <i>Publication of initial specifications to early adopters (Cardiff, SHELL, Bristol).</i>	03/01/04	14/01/05			
1. Publication of initial specifications and liaison visits to those sites which have previously expressed interest in working with the ePET project.	03/01/04	14/01/05	Documentation of initial specifications of RESTian interface and associated communication protocols posted on project website.	Yes	

ePortfolio Extension Toolkit [ePET] – Project Plan Workpackages – Version 1.2 – 28/09/04

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
WORKPACKAGE 7: <i>Objective: Trialing the RESTian interface with instance specific ePortfolio tools developed at Newcastle, other institutional systems, and with the project's early adopters.</i>	17/01/05	25/02/05			
1. Implementation of linkages between RESTian ePET and existing instance specific portfolio tools used by associated projects.	17/01/05	04/02/05			
2. Creation of a proof of concept linkage between the BlackBoard V6.1 institutional VLE and the ePortfolio server.	17/01/05	11/02/05			
3. Trialing the ePET interfaces with clinical case tools at Bristol.	17/01/05	18/02/05			
4. Modify interfaces and initial documentation in the light of activities 1 - 3 above.	31/01/05	25/02/05	Modification of initial specifications of RESTian interface and associated communication protocols posted on project website.		
WORKPACKAGE 8: <i>Objective: Documentation of the internal code of the ePortfolio</i>	04/10/04	25/02/05			
1. Documentation of source code of ePET toolkit.	04/10/04	25/02/05	Internal working documents for use by project team.		
2. Publication of source code.	18/02/05	25/02/05	Fully documented ePET source code posted on project website.	Yes	
WORKPACKAGE 9: <i>Objective: Documentation of the RESTian interface</i>	01/11/04	25/02/05			
1. Documentation of interface during its development phase.	01/11/04	18/02/05	Internal working documents for use by project team.		
2. Review and rewrite of documentation resulting from Workpackage 7	31/01/05	18/02/05	Internal working documents for use by project team.		
3. Publication of documentation describing	31/01/05	25/02/05	Fully documented RESTian interface	Yes	

Workpackage and activity	Earliest start date	Latest completion date	Outputs (clearly indicate deliverables & reports in bold)	Milestone	Responsibility
interaction with the RESTian interface.			posted on project website.		
WORKPACKAGE 10: Objective: <i>Package and make available all tools and documentation to the JISC community available for downloading from project website.</i>	28/02/05	25/03/05			
1. Package all source code and make available for download along with all documentation relating to development and runtime dependencies.	28/02/05	25/03/05			
2. Publication of software and documentation on project website along with appropriate procedures to monitor downloads.	28/02/05	25/03/05	Complete software and documentation package available form project website.	Yes	
NON-WORKPACKAGE TASKS: Objective: Support the training of the project team and engage in appropriate information gathering/dissemination tasks as instructed by JISC					
1. Identify appropriate team members and attend JISC "Kick Off" meeting in Birmingham.	07/09/04	07/09/04			JDM, PD
2. Attend training workshops on WSDL and UML	01/10/04	29/10/04			JDM, SJC
3. Attend JISC Interoperability Conference in Bristol.	04/11/04	05/11/12			AMM, JDM, SJC
4. Participate in three Project Visits	01/12/04	31/03/05	Project visit reports to be published on project website along with project comments / response to reports.		Team

MEMBERS OF PROJECT TEAM:

Geoff Hammond	(Head of School of Medical Education Development)	[GRH]
Paul Drummond	(Deputy Director, Faculty of Medical Sciences Computing Unit)	[PD]
Tony McDonald	(Assistant Director, Faculty of Medical Sciences Computing Unit)	[AMM]
John Moss	(IT Advisor, Faculty of Medical Sciences Computing Unit)	[JDM]
Simon Cotterill	(Senior Research Associate, Faculty of Medical Sciences Computing Unit)	[SJC]
John Snowdon	(Systems Administrator, Faculty of Medical Sciences Computing Unit)	[JS]
Gordon Skelly	(Curriculum Support Officer, Faculty of Medical Sciences Computing Unit)	[GJS]
David Teasdale	(Research Associate, Faculty of Medical Sciences Computing Unit)	[DT]
Paul Holands	(Information and Web Support Officer, LTSN-01)	[PH]
Technical Author	(Technical Author to be appointed)	[TA]
Technical Consultant	(Technical Consultant to be appointed)	[TC]
Rukia Mayanja	(Secretary, School of Medical Education Development)	[RM]

[e.g. JB =Joe Bloggs]