

07-02 Digital Libraries and VLEs (DiVLE) Programme

Reporting period:	1 October 2003 - 31 January 2003		
1. Project Details (as requested in the project plan overview – please update and indicate any changes)			
Project Title:	DELIVER		
Project Director:	Maureen Wade, LSE Library; <m.wade@lse.ac.uk>; Tel: 020 7955 7224; Fax: 020 7955 7454		
Project Manager:	John Paschoud, LSE Library; <j.paschoud@lse.ac.uk>; Tel: 020 7955 6129; Fax: 0870 135 1479		
Start Date:	1 October 2002	End Date:	31 July 2003
Lead Institution:	London School of Economics		
Project Partners:	De Montfort University; Ian Bloor; <ipb@dmu.ac.uk>; Tel: 0116 2078049 Sirsi Ltd (associate partner); Nick Dimant; <nick@sirsi.co.uk> Talis Information Ltd (associate partner); John J. Bennett; <j.j.bennett@talis.com> WebCT Inc (associate partner); Tim Collin; <tim.collin@webct.com>		
Project URL:	http://www.angel.ac.uk/DELIVER/		

Project Briefing:

Aim:

The DELIVER Project will implement software tools for end-users (teaching staff) and library/VLE administrators to facilitate the consistent creation and easier use of course-based resource lists. This will integrate traditional reading lists with e-course-pack material (sourced via JISC services such as HERON where possible) and library electronic resources. It will improve accessibility and levels of use by providing access to resource lists via a number of channels including VLE native interfaces, institutional MLEs, and library management systems.

Objectives:

To implement pilot systems for resource list management at DMU and LSE, that will be adopted for institution-wide use after July 2003.

To document the requirements, processes and outcomes of this experience and disseminate it in a way that is usable by other HE/FE institutions that are addressing similar aims.

To contribute to the development of Open Source software tools that will be usable by other HE/FE institutions for similar purposes.

Deliverables/Outputs:

Working pilot systems at DMU and LSE.

Documentation of requirements, product evaluations, pilot implementations and institutional decisions on permanent adoption.

Appropriate functionality and interfaces included in further version releases of the ANGEL middleware package.

1. Project Advisory/Steering Group: (if appropriate)

An advisory **Steering Committee** has been recruited, representing a wider group of staff (including academic staff) from DMU and LSE, and each of the three commercial associate partners in DELIVER. It has held the first of two meetings, in January 2003 to review the deliverables from the User Needs Analysis. The second meeting is scheduled for June 2003.

2. Project Team: (Main institutional contacts in bold)

Project Director LSE Maureen Wade m.wade@lse.ac.uk

Project Manager LSE **John Paschoud** j.paschoud@lse.ac.uk

Digital resource specialist (end-user support/liaison) LSE Jane Secker j.secker@lse.ac.uk

Project Officer (end-user support/liaison) DMU Mark Simpson mpsimpson@dmu.ac.uk

ANGEL Developer (Team Leader) LSE Simon McLeish s.mcleish@lse.ac.uk

ANGEL Developer DMU Steve Beech jbeech@dmu.ac.uk

Project Officer (evaluation/dissemination) LSE Nicole Harris n.v.harris@lse.ac.uk

Project Officer (evaluation/dissemination) DMU **Ian Bloor** ipb@dmu.ac.uk

3. Finance

In this section you should detail the expenditure of the project so far. Against the budget headings you should set out the expenditure for the previous half year noting any significant over/under spend giving reasons for this. You should also state the total expenditure to date against each budget heading.

The template below is designed to help this reporting process but additional budget headings may be added to fit an individual project's budget.

Total Grant: £96,750

Duration of project: 10 months

Reporting Period: to 31 January 2003

Budget Headings	Total budget allocated	Expenditure this reporting period	Total expenditure to date	Further information
Staff	£84,251	£33,700	£33,700	
Travel & Subsistence	£1,000	NIL	NIL	
Equipment	NIL	NIL	NIL	
Dissemination activities	£1,500	£45	£45	
Evaluation activities	NIL	NIL	NIL	(most of the Dissemination activities are internal to the two institutional partners, and include Evaluation elements; the costs have been combined)
Other (please specify)	£10,000	£716	£716	Course content development (postgraduate temporary additional staff time); Project team meeting expenses; Projectplace.com licence

4. Feedback and comments to the Programme Manager

Please indicate any issues/slippages (if any) and what you are doing to bring things back on schedule.

- No significant variations from Plan. Delay of approx 3 weeks is anticipated in finalisation of Technical Requirements Specifications, due to scheduling meeting dates for product evaluations, and co-ordination with negotiation of Project DEVIL TRS. Finalisation of development strand workplans will be delayed correspondingly, but this has not impacted on main development tasks, as work is proceeding on agreed TRS items.
- Agreed texts of DELIVER Consortium Agreement, and Collaboration Agreement with Project DEVIL, are submitted with this report.

Are there any outcomes you would like to share? (Please describe, provide URLs or attached documents etc.)

- User Needs Analysis report will be of general interest to other 7/02 projects and institutions. Published at: <http://www.angel.ac.uk/DELIVER/deliverables/index.html>
- It has become evident that 'core reading list management' functionality can be best provided by an existing product, for which we are evaluating ReadingListDirect, TalisList, and the Loughborough University –developed reading list management system. Functional requirements have been defined by the DELIVER User Needs Analysis, and technical requirements focus on capabilities for generic interoperability with WebCT, library management systems and ANGEL Resource Manager.

Do you have any specific training needs, requests or suggestions for supporting workshops for the programme?

- No.

Please list any dissemination activities planned.

- DELIVER is mentioned in two separate articles in the January issue (34) of *Ariadne*.
- Internal dissemination is planned for LSE and DMU staff as part of the Institutional Deployment & Dissemination Task (see Project Plan).
- Findings from the User Needs Analysis have been used as material for public conference & seminar presentations by project staff. Two forthcoming articles currently in preparation:
Secker, Jane and Nicole Harris. "DELIVERing Library Resources to the Virtual Learning Environment." *Program*.
Harris, Nicole. "Making Virtual Learning Environments DELIVER." *ASSIGNation*.

5. Technologies Audit Sheet

Please complete the tables below to show which standards, specifications or protocols and technology products (internal or commercial) you are working with as a part of your project. The focus is on those that are being developed as part of the project, not everything which underpins your institutional information and learning systems.

<u>Standards/ Specifications/ Protocols</u>		
Type	Examples	Used as part of your project
Interfaces:	e.g. HTTP, Z39.50, LDAP, OAI harvesting framework	[ANGEL-XRR]
Interchange formats:	e.g. MARC, RDF, XML	XML
Sharing Learning Objects	e.g. SCORM, IMS Content Packaging Spec	
Learning Materials:	e.g. IMS metadata spec (built into Dublin Core) IMS Question and Test Interoperability Spec IMS Content Packaging Spec IMS Learner Information Packaging Spec	
Cataloguing and Metadata	e.g. Dublin Core metadata set	
Collection Description	e.g. RSLP Collection Description	[ANGEL-RM]
Network Services for Interoperability	e.g. Z39.50 / ISO 23950, OAI harvesting framework, Rich Site Summary (RSS), aka RDF Site Summary, (XML application for syndicating news feeds)	
Security and Middleware:	e.g. X.509, Shibboleth,	ANGEL
Programming and Scripting Languages	e.g. Perl, Java language, Zope, ColdFusion, SOAP	Perl, Java, SOAP (possibly)
Client-side scripting	e.g. ECMAScript,	
Accessibility	e.g. W3C Web Accessibility Initiative recommendations,	

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	HTML, CSS, Document Object Model	
OpenURL		Probable use for ANGEL-mediated resource-linking
IMS Specifications	e.g. Enterprise, LIP, QTI, etc.	
Technologies		
Category	Examples	Please list all technologies/products/systems which are part of the development of your project (core systems need not be listed)
MIS systems		
VLE/intranet/learning systems	e.g. COSE, Boddington	WebCT
Portal tools	e.g. uPortal, ORACLE Portal tools	LSE For You institutional portal; DMU MLE
Content management systems		ReadingListDirect; TalisList; Loughborough reading list management system
Web Services		[Projectplace.com – wrt project management of DELIVER]
Other		

What emerging technologies or standards, if any, do you think will have a significant impact in your project area in a few years' time?