Deploying Open Source Solutions in an eProduction System

Joel Greenberg
Director of Strategic Development
The Digital
Open University
The Open University learning and teaching model

- **Supported blended learning with:**
  - Multi-media course materials
  - Tutor and regional support

- **Increasing use of online learning and teaching**
  - All courses with IT component by 2005
  - Generic course web site production
  - Courses presented totally online
  - Computer conferencing
Some relevant student statistics from 2003

- over 250,000 students
- over 90% have access to networked PCs
- 178 (48%) of courses require online access
- 200,000 (25%) of assignments submitted online
- 30–65,000 access personal records online/week
- 22% register online (debit/credit card only)
Some relevant media statistics from 2003

- over 100,000 pages published
- 197 CD-ROM titles (509,000 discs) shipped
- 190,000 CD Audio discs shipped
- 45 DVD-ROM titles (20,000 discs) shipped
- over 450,000 hours of video shipped on VHS
The Growth of Conferencing
eProduction
A Managed Production System

- Structured authoring: Word 95 – Word 2003
- Asset management: repository and archive
- Output: rendering tools for all media
Session 1.1: About the course

Robotics and the meaning of life! What can tin-men and bug-eyed monsters tell us about the meaning of life? This course is designed to show that robotics can teach us a great deal about what it means to be human. Robots will increasingly become part of our lives. They will increasingly be found not just in factories, but also in shops and offices, in hospitals and especially in our homes. For example, here are just a few of the many kinds of robots that already exist or are being developed:

On this course we’ll explain how robots work, and give you a chance to program and control real or simulated robots. But we’ll go far beyond this - by examining the relationship between humans and robots and the enormous impact they are having on our lives and on society. In doing this we will often have to reflect on what it means to be a human being, interacting with other human beings.
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T184 Robotics and the meaning of life

Section 1.1 About the course

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Aims

The aims of T104 are:

- to enable you to understand robots: learning about the various technologies involved in robotics and how to program or train robots;

- to enable you to understand how robots are affecting our lives: how robots will help us and our families at home, their role in health and social care, and their contribution to industry, transportation, science and philosophy;
1.1 About the course

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Aims

The aims of T184 are:

- to enable you to understand robots: learning about the various technologies involved in robotics and how to program or train robots;
- to enable you to understand how robots are affecting our lives: how robots
1.1 About the course

Robotics and the meaning of life!
What can tin-men and bug-eyed monsters tell us about the meaning of life? This course is designed to show that robotics can teach us a great deal about what it means to be human. Robots will increasingly become part of our lives. They will increasingly be found not just in factories, but also in shops and offices, in hospitals and especially in our homes. For example, here are just a few of the many kinds of robots that already exist or are being developed:

On this course we’ll explain how...
Designing the system

- Enterprise architecture approach
- Components ideally interoperable
- Chose best components for specific tasks
- Ensure components are standards compliant
Open Source vs Closed Source

- Can you trust closed source solutions?
- Open source solutions are transparent
- Look for an established community of practice
Case Study 1
Authors/Editors create content in Word and upload to CM Server through a web form.
Workflow controlled by Tracker system, an in-house solution
Content map/metadata entry through Talker, an in-house solution
Word documents given unique ID and stored in Word file store
Word converted to XML and stored in XML file store
Word structure captured as XML content map and stored in XML file store
XML file store mirrors content of Word file store as XML
Cocoon server renders XML into final HTML web site
Authors/Editors can preview web site through Cocoon server
Web site published to Test server through Tracker workflow system
Web site published to Live server through Tracker workflow system
Case Study 2
The eDesktop

- Generic approach to providing course web sites
- eForm completed by academics
- Automated web site creation
- Flexible presentation style
- Over 200 courses adopting this approach
A211 Philosophy and the Human Situation

The function of these pages is to enhance your experience while studying Philosophy and the Human Situation. There are four parts to our site, each of which offers a particular range of facilities to enliven your studies.

Study community
'Study community' links you to a computer conferencing area. This is where you can communicate with other students, and share ideas and views using FirstClass.

Course resources
'Course resources' is an area where you can find links to materials and online resources relevant to your course. The materials you'll find in this area have been carefully selected.

Managing your studies
'Managing your studies' is an online version of the study calendar to help organize your studies and keep abreast of course changes and updates.

Student home
This link takes you to your personal record and menu and to some useful OU administrative and IT sites. 'Student home' will open in a new browser window.

Guide to your eDesktop
Send us feedback on this website
Welcome to the B822 homepage

This site gives easy access to the four major sections shown below. Visit them regularly to ensure that you receive any important information promptly.

Study community

'Study community' links you to a computer conferencing area. This is where you can communicate with other students, and share ideas and views using FirstClass.

Course resources

'Course resources' is an area where you can find links to materials and online resources relevant to your course. The materials you'll find in this area have been carefully selected.

Managing your studies

'Managing your studies' is an online version of the study calendar to help organize your studies and keep abreast of course changes and updates.

Student home

This link takes you to your personal record and menu and to some useful OU administrative and IT sites. 'Student home' will open in a new browser window.
Welcome to the B202 homepage
The purpose of this website is to provide a truly multi-media learning experience while studying Understanding Business Functions. There are four parts to our website, each of which offers a particular range of facilities as follows:

Latest Course News
28/01/03: Fwd: Next Mailing of B202 Course Material
20/01/03: Re(5): DD100
15/01/03: Re(2): DD100
See archived messages...

Study community
'Study community' links you to a computer conferencing area. This is where you can communicate with other B202 students, and share ideas and views using FirstClass.

Course resources
'Course resources' is an area where you can find links to materials and online resources relevant to your course. These include resources associated with your TMAs such as journal articles and case studies to download and links to a list of non OU websites.

Managing your studies
'Managing your studies' is an online version of the B202 study calendar to help organize your studies and keep abreast of course changes and updates.

Student home
This link takes you to your personal record and menu and to some useful OU administrative and IT sites. 'Student home' will open in a new browser window.
Welcome to the TU870 Homepage

From this site you can access the essential course materials to start studying. You do not need to look at everything at once, but start with Managing your studies.

'Study community' links you to a computer conferencing area. This is where you can communicate with other TU870, TUX870 and TUXX870 students, share ideas and views, as well as participate in some online activities.

'Course resources' links to an area where you can find copies of most of your course materials and some additional online course related materials. These may include: links to a list of non-OU websites, course newsletters and the ROUTES library service.

'Managing your studies' is an area where you can use the online study calendar to help organise your studies and keep abreast of course changes and updates.

This links you to your personal record and menu and to some useful OU administrative and IT sites.
Welcome to the L314 Home page

Os damos la bienvenida al sitio web del curso L314 A buen puerto. Desde aquí se puede enlazar con las cuatro secciones principales de este sitio.

Novedades
21/06/02 : Noticias 5
21/06/02 : 19/06/02: Tareas del mes 5
28/05/02 : Noticias 4
See archived messages...

Study Community
Este apartado es el del foro. Allí podrás ponerte en contacto con otros estudiantes de L314, con los que podrás compartir ideas y opiniones; también podrás participar en las tareas que te proponemos cada mes.

Course Resources
En este apartado encontrarás recursos en línea que complementan los materiales del curso. Se incluyen enlaces con sitios web seleccionados por el equipo académico, y una revista en la que publicamos artículos escritos por vosotros.

Managing your Studies
En este apartado encontrarás el calendario del curso.

Student Home
A través de este apartado enlazarás con tu expediente académico y con sitios administrativos y técnicos de la Open University.
The Challenges Ahead
The Sonic the Hedgehog generation has arrived in higher education!
Higher education is now in the hands of the Space Invaders generation!
Broadband? Not where I live!