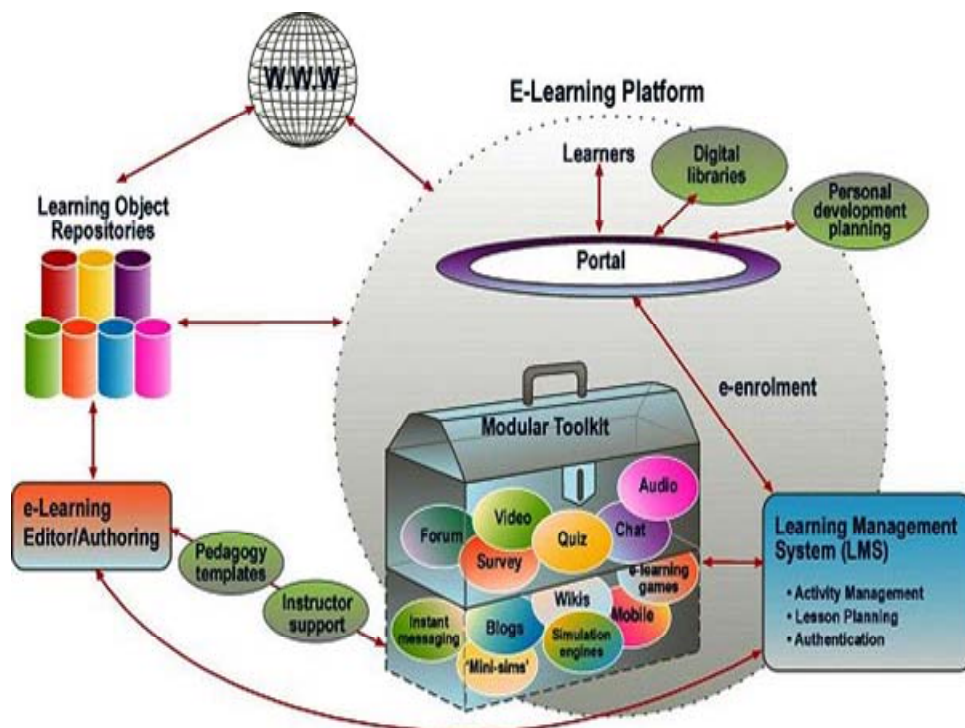


Clayton, J. (3-4 July 2006) *Re-Using Digital Objects in Moodle*, Interactive presentation at Moodle Moot, Victoria University, Wellington (Retrieved 14 July 2006 <http://moodlemoot.org.nz/moodle/>)

Abstract

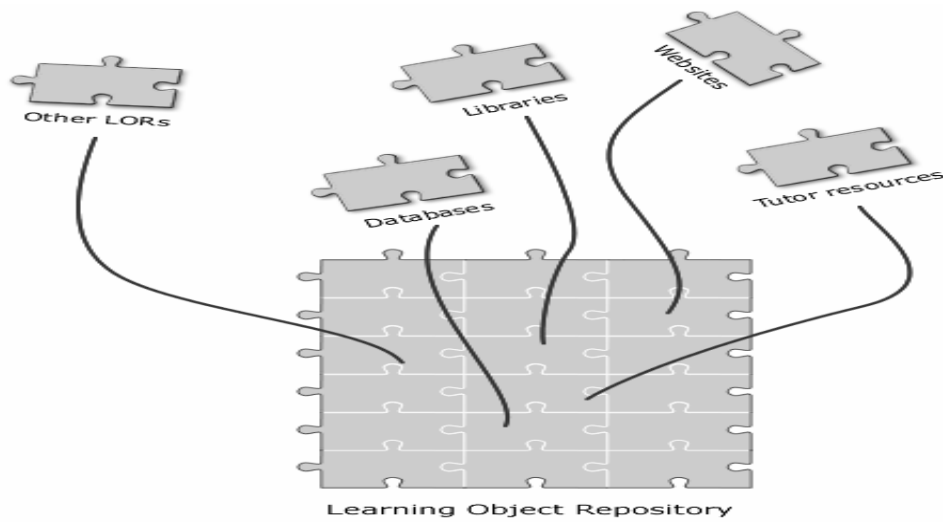
The OSFOR project fills a strategic gap within the mix of current open source projects that are used to support e-learning in New Zealand. This project builds on the established network and community of open source developers in New Zealand and seeks to include secondary schools in its growing network. OSFOR is a multi-outcome project based on a theme of open source solutions within a modular framework.



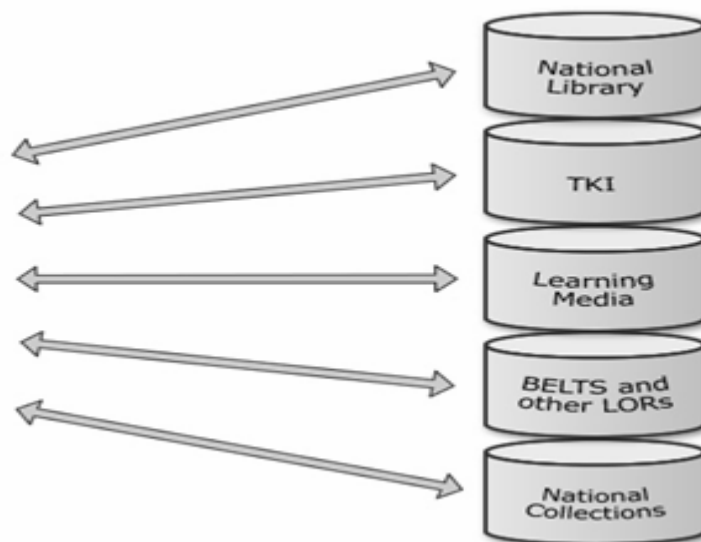
Source OSVLEII (Richard Wyles)

2. Learning Objects

In teaching and learning we utilise a number of resources in our lessons. Teachers weave these resources, in a meaningful way, into a sequence of activities.

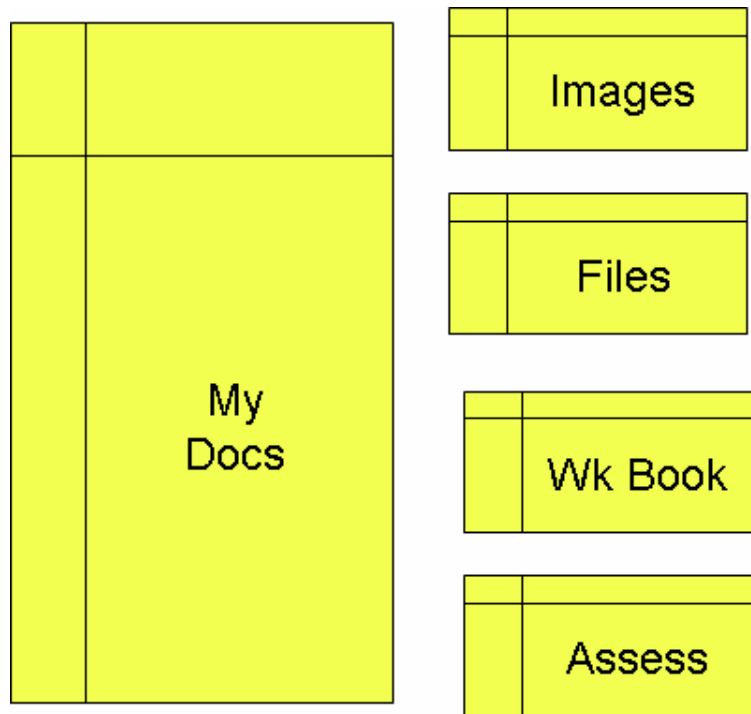


These learning objects and resources are currently sourced from a number of places. For example the web, the national library, other tutors,



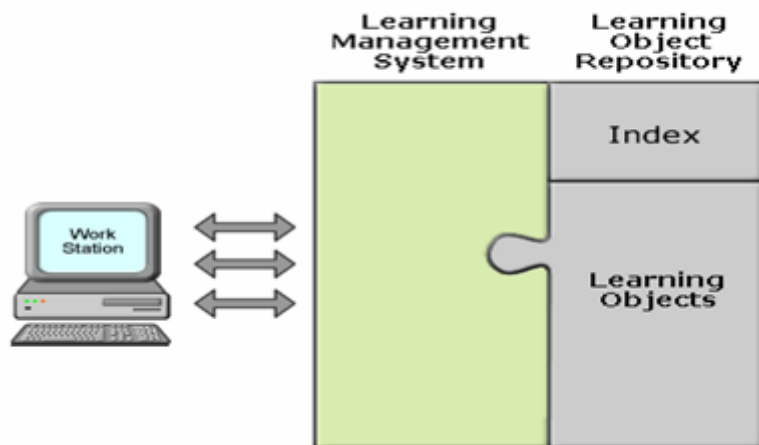
3. Current Storage Methods

When storing the files for relevant courses we often work in “ad-hoc and individual ways. Is this efficient for tutors, learners, institutions?



4. Online Learning Environments

Most tertiary institutions have either deployed, or are seriously considering deploying, a learning management system to enhance learning for students and increase efficiencies. Is it not logical to investigate how material can be stored and retrieved using the infrastructure created?



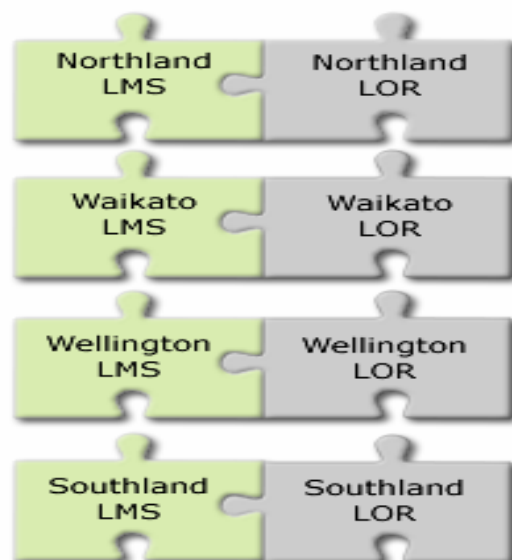
5. Collaboration

Digital material is expensive to create requiring software applications, professional development and quality assurance. For institutions to gain a maximum return on their investments the material created should be used multiple times by large numbers of students. Also the human power needed to create full digitally resourced programmes means institutions on their own will not have the required resources.



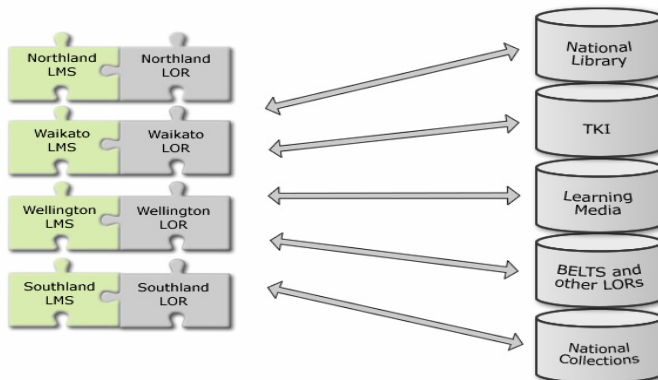
One of the issues is the material must be used in the range of LMS individual institutions have deployed. This interoperability of content is a major issue that needs to be addressed as the project matures.

Regional CDS Intergration



6. External Activities

National Course Delivery System



7. Moodle Xchange

The sharing of material can be fostered by Communities of Practice, example Tertiary or School Xchange.

The topic blocks below demonstrate how the Xchange module can be used by the tertiary sector to share a range of learning activities and digital material.

For the purposes of this demonstrator the Xchange modules are "open". However, it is anticipated subject disciplines such as Sport Science, Health, ICT ... would create and monitor their own Xchange activities.

Please note that by sharing your activities in this exchange centre you are allowing others to download them, use them and modify them for their own purposes.

This "exchange" concept is also promoted on [Moodle Exchange](#) ☺

🗨️ Your Comments

1 Content Xchange: here information, knowledge and learning objects can be shared

- 📄 Content
Course Xchange: here structured learning activities and sequences (full Moodle courses) can be shared
- 📚 Course
Moodle Xchange: here identified "chunks" of Moodle courses (for example quizzes, lessons and glossaries) can be shared.
- 🧠 Moodle Xchange
Authoring Xchange: here files created in eXe Editor (.elp files) can be shared.
- 📁 eXe Xchange

The screenshot shows a web browser window titled "Tertiary: Content - Mozilla Firefox" with the URL <http://teikpenge.elearning.ac.nz/mod/xchange/edit.php?id=382>. The page has a navigation bar with options: "Browse by alphabet", "Browse by category", "Browse by level", "Browse by date", and "Browse by Submitter". Below this are buttons for "Add a new entry", "Import entries", "Export entries", and "Waiting approval".

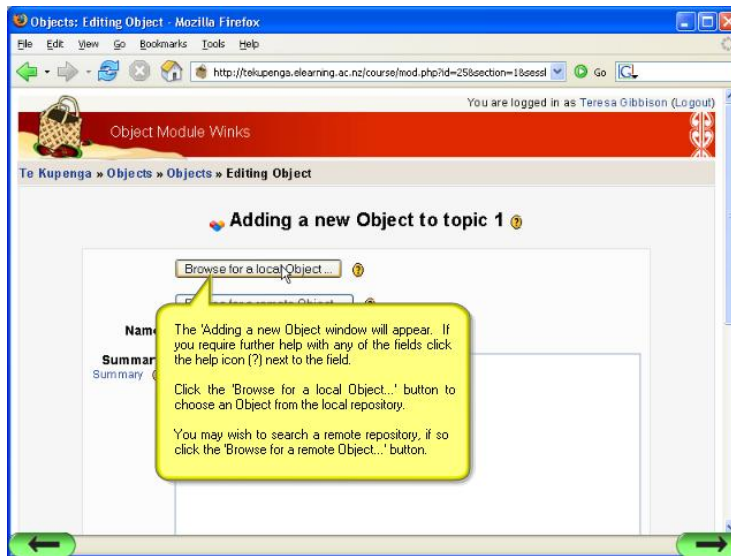
The main content area contains the text: "Add a new entry to the current Xchange. Mandatory fields are marked with '*'".

The form includes the following fields:

- Title:** *
- Creator:** *
- Size:**
- Learning time:**
- Rights:**
- Language:** (dropdown menu with options: English, Māori, Samoan, Tongan) *
- Keyword(s):**

A yellow callout box contains the following text: "A form appears with metadata fields. Complete the compulsory fields (those shown with a red asterisks *). The more metadata you can provide the easier it is for others to find the entry." To the right of the form, there are several small icons and text: "automatically linked", "ative", and "ly".

8. Object Module



Objects: Editing Object - Mozilla Firefox

http://tekupenga.elearning.ac.nz/course/mod.php?id=25§ion=1&sessid=...

You are logged in as Teresa Gibbison (Logout)

Object Module Winks

Te Kupenga » Objects » Objects » Editing Object

Adding a new Object to topic 1

Browse for a local Object...

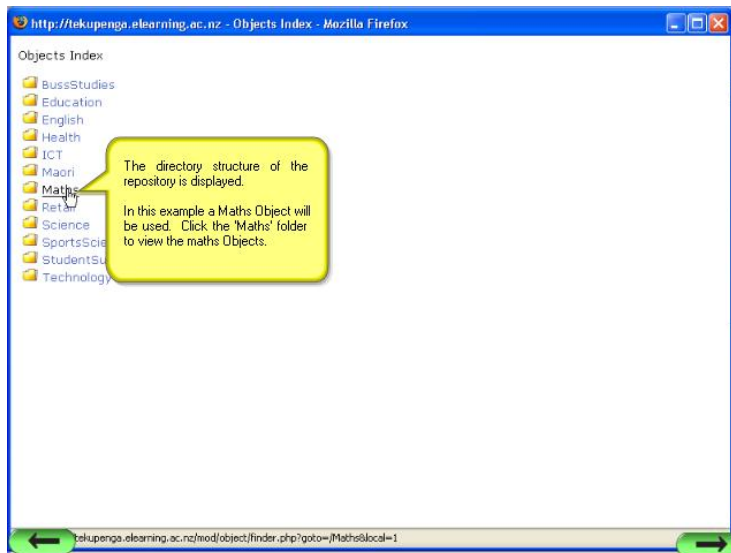
Name: _____

Summary: _____

The 'Adding a new Object' window will appear. If you require further help with any of the fields click the help icon (?) next to the field.

Click the 'Browse for a local Object...' button to choose an Object from the local repository.

You may wish to search a remote repository, if so click the 'Browse for a remote Object...' button.



http://tekupenga.elearning.ac.nz - Objects Index - Mozilla Firefox

Objects Index:

- BusStudies
- Education
- English
- Health
- ICT
- Maori
- Maths
- Religion
- Science
- SportsScience
- StudentSupport
- Technology

The directory structure of the repository is displayed.

In this example a Maths Object will be used. Click the 'Maths' folder to view the maths Objects.

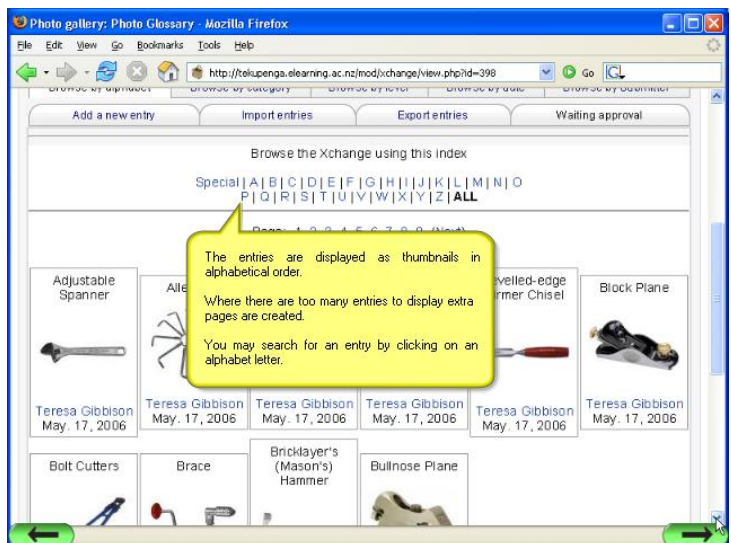


Photo gallery: Photo Glossary - Mozilla Firefox

http://tekupenga.elearning.ac.nz/mod/xchange/view.php?id=398

Add a new entry | Import entries | Export entries | Waiting approval

Browse the Xchange using this index

Special | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | ALL

Pages: 1 2 3 4 5 6 7 8 9 (Next)

Adjustable Spanner

Block Plane

Where there are too many entries to display extra pages are created.

You may search for an entry by clicking on an alphabet letter.

Teresa Gibbison May 17, 2006	Teresa Gibbison May 17, 2006	Teresa Gibbison May 17, 2006	Teresa Gibbison May 17, 2006	Teresa Gibbison May 17, 2006
---------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------

Bolt Cutters | Brace | Bricklayer's (Mason's) Hammer | Bullnose Plane

8. Practical Examples

The screenshot shows the 'inform_ed' Moodle site. At the top, there is a navigation bar with 'Help', 'Language: English (en)', and 'Login'. The main content area is divided into several sections:

- Login:** A form with fields for 'Username: john' and 'Password: [masked]', a 'Login' button, and links for 'Create new account' and 'Lost password?'.
- Available Courses:** A list of courses with descriptions:
 - WITHIT:** Edited by John Clayton, Jeannette Stephens, Sarah-Jane Saravani, and Bev Gower. Description: 'Write a concise and interesting paragraph here that explains what this course is about.'
 - MAROS - Online Journal:** Administered by Ross Kendall, Cheryl Brown, and Michele Shaskey. Description: 'MAROS (ISSN:) is a refereed electronic journal dedicated to supporting the interdisciplinary exploration of communication studies...'.
 - Research at Sport and Exercise Science:** Administered by Michele Shaskey, Colin Sutherland, and Bev Gower. Description: 'This site has been set up to support and encourage Sport and Exercise Science initiatives in research and learning.'
 - Workplace Wellbeing Network and Seminar Series:** Administered by Robin Hill and Maree Roche. Description: 'The Web Place Wellbeing and Quality of Work-Life (QWLQWL) Network was established to provide a series of seminars to enable participants to cross-educate one another in this field...'.
- Calendar:** A calendar for June 2006, with the 19th highlighted.
- Courses:** A list of course categories including WITHIT, MAROS - Online Journal, Research at Sport and Exercise Science, and Workplace Wellbeing Network and Seminar Series.

The screenshot shows the 'OSLOR' Moodle site. The header features a globe icon and the text 'OSLOR Open Source Learning Object Repository'. The main content area includes:

- Main Menu:** A vertical list of links: Site news, Accessing Professional Development Tutorials, Potential pricing options 2006, Key Metadata Fields (Wintec), and NCEA Study Site.
- Course categories:** A vertical list of links: Learning Objects and Metadata, Creation of Learning Objects, Sharing Learning Objects, Translations, and TEST Sites.
- Site news:** A news item titled 'Would you like to learn more about Learning Objects?' by Teresa Gibbison, dated Monday, 22 May 2006, 11:54 AM. The text discusses the Centre for Learning Technology at Wintec and provides a URL for the Te Kupenga Moodle site.
- E-Prints submission demo:** A link to an e-print submission demo.

The screenshot shows the 'Te Kupenga' Moodle site. The header features a teacup icon and the text 'Te Kupenga'. The main content area includes:

- Main Menu:** A vertical list of links: Site news, Request Demonstrator Course, Student Support Links, and Student Support.
- Course categories:** A vertical list of links: Learning Objects: Overview, Creation and Modification of LOs, Overview: Sharing Learning Material, XChange in Action, and Accessing Material: Some Practical Examples.
- Site news:** A news item titled 'Welcome to the Te Kupenga(The Net) an initiative of the OSLOR project hosted by Wintec...'.
- Site news:** A section titled 'Site news' with the text '(No news has been posted yet)'.