

Technical stream

Presenter

Fiona Malikoff
Macquarie E-Learning Centre of Excellence, Sydney, Australia

Prepared by

Ernie Ghiglione and Fiona Malikoff
Macquarie E-Learning Centre of Excellence, Sydney, Australia

LAMS Architecture Overview

Thursday 11:15pm (1 hour)

This presentation will explain the overall LAMS architectural picture, including the major server components (J2EE server, database, etc) and the Java frameworks used for development as well as LAMS' own architecture. We will cover the concepts behind the LAMS Tool Contract. Note: if you are attending the Technical Workshop on Friday, please attend this talk.

LAMS for System Administrators

Thursday 1:45pm

This presentation will cover the information needed run a LAMS Installation such as replacing images and text to customise LAMS to for your institution, user management and general maintenance tasks.

LAMS LMS Integrations

Thursday 2:15pm

This presentation will be a general overview of how LAMS to LMS implementations are done, and we will review the current LAMS 2.0 and Moodle integrations as an example. This will include details on doing the actual configuration of a site.

LAMS Internationalisation

Thursday 2:45pm

LAMS is being translated into over 20 different language and includes support for right-to-left languages. Learn how the translations are implemented in LAMS, how to configure the language for your server and how to support different languages for different users. Finally, we will also cover how you can help us with the ongoing translation process.

Technical BOF (Birds of a Feather) session

Friday 11:00am (1 hour)

Informal technical discussions. Come with all those questions we didn't cover on Thursday, or things that you are dying to know about how LAMS works.

Biographical notes

Fiona Malikoff is the Technical Lead for the LAMS development team. Fiona started with LAMS during the initial development. Fiona left when she moved interstate but loves LAMS so much she returned to the team in 2004. Fiona's commercial experience extends from small computer companies of twelve people, to a government department, to an IS department in the telecommunications industry. She became a team leader in her first job out of University and hasn't been able to escape from the role ever since. Fiona has a BSc (Computing Science major) from Macquarie University and a MSc (Thesis on Software Reuse) from the University of Technology, Sydney.

Email: fmalikoff@melcoe.mq.edu.au

Ernie Ghiglione is the LAMS project manager. Ernie has been involved in various open source projects in e-learning before. He has developed parts of the .LRN Learning Management System, specially the Learning Object Repository, content delivery platform, one of its assessment engines, the IMS Content Packaging, IMS Metadata and SCORM implementation. Prior to managing e-learning projects, Ernie led large enterprise software development in the US, the Netherlands and India for five years. He holds an

MSc BSc Management Information Systems (magna cum laude) from New York University and a Master of Software Engineering from the University of Sydney.
Email: ernieg@melcoe.mq.edu.au