Home

LAMS Technical Wiki

Search LAMS Technical

Downloads & Installers

- **All Downloads**
  - Windows Installer & Instructions
  - Unix/Mac OS X Installer and Instructions
  - System Requirements
  - In Mobile Devices new
  - LAMS is Open Source
  - Licensed under GPL 2

- **Integrations**
  - Moodle
  - Sakai 2.3 and 2.4
  - Blackboard 7.1+
  - dotLRN 2.3
  - Blackboard CE 6 (ex WebCT Vista)
  - Microsoft SharePoint 3.0

- Troubleshooting
- Need more help?
- Teachers and Users Documentation

LAMS for System Administrators

**System Administration Guide**

- Installing MySQL on Windows for LAMS
- Installing Wildfire for LAMS
- Changing Server Ports for LAMS
- LAMS Configuration
- Language Packs
- Using LDAP for authentication
- LAMS Integrations with other LMS
- Troubleshooting for LAMS
- Reporting Problems and Bugs
- Set up LAMS over SSL (HTTPS)
- And lots more...

**Production Servers**

- Configure LAMS to maximize performance
- Performance Monitoring
  - Test Harness
- Performance Reviews
- Scalability Reviews
- Clustering
## LAMS General Information

![LAMS Sheep Logo]

- **Current Version:** LAMS 3.1
  - released December 2018

## Technical Info

- Development Status
- Features List
- Roadmap
- Check out our code activity (fisheye)
- Bug Tracker
- Translating LAMS
- Technical Overview
  - LAMS 2 Architecture
- Report bugs
- Try the LAMS Demo Site
- Who’s using LAMS?
- Glossary of Terms

## Ohloh Profile

**LAMS Technical Community**

- Technical Forums

## Looking for Teachers and User Guides?

- See the [LAMS Documentation Wiki](#)
LAMS for Developers

General

- Understanding the LAMS Architecture
- LAMS Server Versions
- Building from Source
- Setting up your Development Environment
  - Plugins and Extensions
- Common Java Libraries
- CVS Repositories, Branches and Tags
- Debugging with JBOSS and Eclipse
- Current Database and Configuration Changes
- JBOSS Class Loader Configuration
- How to set up JAAS in LAMS
- Best Practices

Tool Development

- Tool Contract
- Tool Adapters
- Eclipse Tool Builder
- Starting Tool Development
- Tag Library Definitions
  - LAMS Custom Tags
- Development Best Practices

Integrations

- Tool Adapters: Adding LMS Tools into LAMS
  - Moodle Forum
  - LRN Forum
- LAMS & 3rd Party Integrations
- Using External Tools and Services
  (Tool Wrapper, Adaptor or Decorator)

Specifications

How LAMS Works

- Administration (Course and User Management)
- Content Management
- Core Services
- LAMS Main Page
- Monitor
- Progress Engine
- Tool Contract

How we Build LAMS

- Accessibility
- Common Java Libraries
- JSP and HTML Conventions
- Flash
  - Flash Architecture
- Error Handling
- Licensing
- Technical Presentations