

# Database and Configuration Changes

This page is a short record of the database changes, changes to configuration files (anything under lams\_build/conf) and lams-www changes. This will be used as the basis for updates for the installers/upgraders, so any changes not recorded here may not make the upgrader.

Originally this page was only for db updates but from 2.1 onwards it will have the configuration and lams-www changes.

## Since RC1

- Removed columns weight and disabled from the table tl\_lamc11\_que\_content (Multiple Choice Tool)
- Removed column time\_zone from the table tl\_lamc11\_usr\_attempt (Multiple Choice Tool)
- Added new lams\_configuration table (lams.xml to DB)
- alter table tl\_lascrib11\_user add started\_activity bit;

## Since RC1 Oct 20th

- Removed row from lams\_configuration (LamsHome)
- Added new row to lams\_configuration (AuthoringActivitiesColour)
- Added column version int(11) not null to tl\_lascrib11\_session (Scribe Tool)
- Added new row to lams\_role, lams\_privilege, and lams\_role\_privilege (author admin) [http://lamscvs.melcoe.mq.edu.au/cgi-bin/viewcvs.cgi/lams\\_common/db/sql/insert\\_types\\_data.sql.diff?r1=text&tr1=1.57&r2=text&tr2=1.58&diff\\_format=h](http://lamscvs.melcoe.mq.edu.au/cgi-bin/viewcvs.cgi/lams_common/db/sql/insert_types_data.sql.diff?r1=text&tr1=1.57&r2=text&tr2=1.58&diff_format=h)
- Removed row from lams\_configuration (FileManagerDir)
- Added new row to lams\_configuration (AllowDirectLessonLaunch)
- Modified rows in lams\_configuration ([Author|Monitor|Learner]ClientVersion)
  
- added column version int(11) not null to tl\_lafrum11\_tool\_session;
- added column report\_submitted bit(1) to tl\_lascrib11\_session
- tool version number updates (from '1.1' to '20061102')
- tool default content updates
- update tl\_lascrib11\_scribe set title='Scribe', instructions='Instructions', online\_instructions='', offline\_instructions='' where uid=1;

## Since RC2 Nov 5th

- removed voteChangeable column from tl\_lavote11\_content
- added lockWhenFinished tinyint(1) not null default 1 column to tl\_laqa11\_content
- added showOtherAnswers tinyint(1) not null default 1 column to tl\_laqa11\_content
- added randomize tinyint(1) not null default 0 column to tl\_lamc11\_content
- added displayOrder int(5) column to tl\_lamc11\_options\_content
  
- tl\_lavote11\_content - lock\_on\_finish default 1 (not 0)
- lams\_tool - update laqa11/lavote11/lamc11 set version = 20061113
- tl\_lamc11\_content - add column showMarks tinyint(1) not null default 0
- lams\_lesson - learner\_exportport\_avail TINYINT(1)
- insert into lams\_configuration (config\_key, config\_value) values ('LAMS\_Community\_enable','false');
- Changed ServerVersionNumber to include 2.0 RC2
- INSERT INTO lams\_supported\_locale (locale\_id, language\_iso\_code, country\_iso\_code, description, direction) VALUES (22, 'vi', 'VN', 'Tiá°ng Viá»?t', 'LTR');

## Since November 22nd

- update lams\_role set name='GROUP MANAGER' where role\_id=2;
- update lams\_role set description='Group Manager' where role\_id=2;
- update lams\_role set name='GROUP ADMIN' where role\_id=6;
- update lams\_role set description='Group Administrator' where role\_id=6;
- alter table lams\_organisation add column archived\_date datetime;
- INSERT INTO lams\_supported\_locale (locale\_id, language\_iso\_code, country\_iso\_code, description, direction) VALUES (23, 'zh', 'TW', 'Chinese (Taiwan)', 'LTR');
- update lams\_configuration set config\_value='2.0' where config\_key='Version';
- update lams\_configuration set config\_value='2.0.200612051427' where config\_key='AuthoringClientVersion';
- update lams\_configuration set config\_value='2.0.200612051427' where config\_key='MonitorClientVersion';
- update lams\_configuration set config\_value='2.0.200612051427' where config\_key='LearnerClientVersion';
- update lams\_configuration set config\_value='2.0.200612051427' where config\_key='ServerVersionNumber';
- update lams\_configuration set config\_value='2006-12-05' where config\_key='DictionaryDateCreated';

## From LAMS 2.0 to LAMS 2.0.1 Beta (lams2\_0\_1\_beta 22 Feb 07)

- Changed size of locale\_id column from TINYINT(4) to INTEGER. This required changing three tables - lams\_supported\_locale, lams\_user and lams\_organisation. A script to update a 2.0 database can be found in lams\_common/sql/update/alter\_201\_locale\_id.sql
- alter table lams\_lesson add column learner\_exportport\_avail tinyint(1);
- Added a new column "image\_directory" to the table lams\_css\_theme\_ve. A script to update a 2.0 database can be found in lams\_common/sql/update/alter\_201\_theme.sql. This includes code to set up the appropriate values for the current default theme.
- Script alter\_201\_system\_tool\_user\_workspace.sql:
  - Updated the Learner Progress URL for grouping - data change rather than ddl change.

- Added new column change\_password to lams\_user, defaults to 0 (false). Script also sets an initial value of 0 for any existing users in the system
- Survey Tool: Changed column for text entry answers from varchar(255) to text. Script is updateTo20070208. Also updated the tool version (to 20070208) in the tool table entry in tool\_insert.sql script.
- Extend the length of the login name to from varchar(20) to varchar(255). This requires changes to the following projects:
  - lams\_common. Update done as part of the alter\_201\_system\_tool\_user\_workspace.sql update.
  - lams\_workspace\_folder. Increased size of name field from varchar(64) to varchar(255). Update done as part of the alter\_201\_system\_tool\_user\_workspace.sql update
  - lams\_tool\_lamc. Updated both the login and fullname columns. Script updateTo20070214.sql, changed build.properties to have new version number (20070214)
  - lams\_tool\_laqa. Updated both the login and fullname columns. Script updateTo20070214.sql, changed build.properties to have new version number (20070214)
  - lams\_tool\_nb. Updated both the login and fullname columns. Script updateTo20070214.sql, changed build.properties to have new version number (20070214)
  - lams\_tool\_vote. Updated both the login and fullname columns. Script updateTo20070214.sql, changed build.properties to have new version number (20070214)
- Added 3 new columns to lams\_tool table - see alter\_201\_tool.sql
- summary of update scripts:

```
lams_common/db/sql/updatescripts/alter_201_locale_id.sql
lams_common/db/sql/updatescripts/alter_201_theme.sql
lams_common/db/sql/updatescripts/alter_201_system_tool_user_workspace.sql
lams_common/db/sql/updatescripts/alter_201_tool.sql
lams_tool_survey/db/sql/updatescripts/updateto20070220.sql
lams_tool_lamc/db/sql/updatescripts/updateto20070214.sql
lams_tool_laqa/db/sql/updatescripts/updateto20070214.sql
lams_tool_nb/db/sql/updatescripts/updateto20070214.sql
lams_tool_vote/db/sql/updatescripts/updateto20070214.sql
```

## From LAMS 2.0.1 Beta to LAMS 2.0.1

- All of the tools have a script that populates the 3 new columns in the lams\_tool table.
- lams\_common/db/sql/updatescripts/alter\_201\_ext.sql: changes external server orgs from root/course to course/class types, removes group manager from external users
- summary of update scripts:

```
lams_common/db/sql/updatescripts/alter_201_ext.sql
```

## From LAMS 2.0.1 LAMS 2.0.2

lams\_tool: The tool version for noticeboard, chat, scribe are now 20070315. Started change the classpath entry to the format "lams-tool-blah.jar", not "/lams-tool-blah.jar" - new installations will get it without "/" but upgraded versions from 2.0.2 will get a mixture of the two formats. Given that this change just makes the classpaths in the Manifest files shorter, it is not an essential change if upgrading a server.

```
lams_tool_nb/db/sql/updatescripts/updateTo20070315.sql
lams_tool_chat/db/sql/updatescripts/updateTo20070315.sql
lams_tool_scribe/db/sql/updatescripts/updateTo20070315.sql
```

```
update lams_tool set tool_version=20070315 where tool_signature='lanb11';
update lams_tool set tool_version=20070315 where tool_signature='lachat11';
update lams_tool set tool_version=20070315 where tool_signature='lascrib11';
update lams_configuration set config_value='2.0.2' where config_key='Version';
update lams_configuration set config_value='2.0.2.200703270000' where config_key='AuthoringClientVersion';
update lams_configuration set config_value='2.0.2.200703270000' where config_key='MonitorClientVersion';
update lams_configuration set config_value='2.0.2.200703270000' where config_key='LearnerClientVersion';
update lams_configuration set config_value='2.0.2.200703270000' where config_key='ServerVersionNumber';
update lams_configuration set config_value='2007-03-08' where config_key='DictionaryDateCreated';
```

## From LAMS 2.0.2 LAMS 2.0.3

- Chat tool. Added new column room\_created to the lachat11\_session table. DDL Script to update tables is in lams\_tool\_chat/db/sql/updatescripts/updateTo20070524.sql. There is also a Java program that needs to be run to update existing data - see Anthony for details.

```
javac -cp "commons-logging.jar:hibernate3.jar:mysql-connector-java-3.1.12-bin.jar:." UpdateLAMS202Chat.java
java -cp "commons-logging.jar:hibernate3.jar:mysql-connector-java-3.1.12-bin.jar:." UpdateLAMS202Chat
conference.localhost
```

- Core table changes: See the scripts
  - alter\_203\_editonfly.sql
  - alter\_203\_rams\_theme.sql
  - alter\_203\_learner\_progress.sql (for LDEV-1198)
  - alter\_203\_transition.sql (for LDEV-1229).
- Tool changes - apart from the Chat tool (above) there are no database changes, but the min server setting (in the tool deploy) needs to be updated to the new server version as has the tool version, as all of the tools have had a code change due to the tool contract has changing in this version.

```
update lams_configuration set config_value='2.0.3' where config_key='Version';
update lams_configuration set config_value='2.0.3.200706040000' where config_key='AuthoringClientVersion';
update lams_configuration set config_value='2.0.3.200706040000' where config_key='MonitorClientVersion';
update lams_configuration set config_value='2.0.3.200706040000' where config_key='LearnerClientVersion';
update lams_configuration set config_value='2.0.3.200706040000' where config_key='ServerVersionNumber';
update lams_configuration set config_value='2007-05-24' where config_key='DictionaryDateCreated';
```

## From LAMS 2.0.3 to 2.0.4

We found out after the Windows 2.0.3 upgrader was released that we missed the following code from the editonthe fly script. So it will go out in a 2.0.4 release.

### addition to alter\_204\_editonfly.sql on June 07

```
INSERT INTO lams_system_tool (system_tool_id, learning_activity_type_id, tool_display_name, description,
learner_url, learner_preview_url, learner_progress_url, export_pfolio_learner_url,
export_pfolio_class_url, monitor_url, contribute_url, create_date_time)
VALUES (5, 9, 'System Gate', 'Gate: Opens under system control.',
'learning/gate.do?method=knockGate', 'learning/gate.do?method=knockGate', null, null,
'monitoring/gateExportPortfolio?mode=teacher', 'monitoring/gate.do?method=viewGate',
'monitoring/gate.do?method=viewGate', now()
);
```

## From LAMS 2.0.3/2.0.4 to 2.0.6

In the ldap2\_0\_4 branch:

- lams\_common/db/sql/updatescripts/alter\_205\_ldap.sql adds ldap parameters to lams\_configuration, updates server version
- lams\_common/db/sql/updatescripts/alter\_206\_integration.sql removes 'not null' from orgid field in lams\_ext\_server\_org\_map
- lams\_common/db/sql/updatescripts/Alter21Integration.java makes integration classes into courses and adds workspaces (see above).
- login-config.xml

Jar/War replacements:

lams\_admin, lams\_central, lams\_common, lams\_monitoring

## From LAMS 2.0.4 to 2.1 Beta

- alter\_21\_branching.sql
  - Core tables: alter\_21\_branching.sql (LDEV-1109). New rows in some of the core tables and a new table added.
  - 26 new ldap related rows in lams\_configuration.
  - 1 new row for the learner progress batch size in lams\_configuration.
  - All rows in lams\_configuration updated to include descriptions and their headings.
  - index page stuff for collapsible courses and lesson sorting
- lams-www: WEB-INF/lams.tld and WEB-INF/tags/\* have been updated - take all the files.
- jsmath has been updated: Basically update everything **except** the fonts subfolder. That would make it easiest. The fonts folder is almost never updated (on the jsmath website, it's a separate download). It's also where most of the small 1kb files come from, so should help cut down the size. (see Jun-Dir for more details)
- Multiple Choice Tool: tl\_lamc11\_que\_usr has two new columns (last\_attempt\_order, last\_attempt\_total\_mark) and the version number is now 20070820. The update script is updateTo20070820.sql. Performance improvements to learning and monitoring. One change to the I18N files.
- Scribe: tl\_lascrib11\_scribe has one new column (aggregated\_reports) and the version number is now 20071113.
- updated login-config.xml; lamsauthentication.xml is deprecated.
- Added a new folder to lams-www: web/help. In this folder, we add pdf files (as "troubleshoot-<language>\_<locale>.pdf"). These files are then retrieved to a help link in the login page see [LDEV-907](#) for further details.
- Alter21Integration.java (LDEV-1284). Modifies integration orgs and adds workspaces. Run like this (the arguments in the 2nd line are db name, db user, and db password):

```
javac -cp "/usr/local/jboss-4.0.2/server/default/deploy/lams.ear/mysql-connector-java-3.1.12-bin.jar:."
Alter21Integration.java
java -cp "/usr/local/jboss-4.0.2/server/default/deploy/lams.ear/mysql-connector-java-3.1.12-bin.jar:."
Alter21Integration lams lams lamsdemo
```

- log4j.xml file has had the date format changed. Get the new file and change the logging to INFO level.

## From 2.1 Beta to 2.1 RC1

- new default value of lockOnFinish=0
  - lams\_tool\_laqa/db/sql/updatescripts/updateTo20080108.sql
  - lams\_tool\_vote/db/sql/updatescripts/updateTo20080108.sql (later replaced with updateTo20080326.sql)
- New files in the lams\_www war need to be included:
  - images/template\*.gif
  - htmltemplates.xml
- lams\_central: fckeditor update - all files in lams\_central.war/fckeditor/\_source should be removed from existing systems.
- lams\_common/db/sql/updatescripts/alter\_21\_fixgroupings.sql: A fix to data problem seen on Demo. Will clean up this problem if it exists on other people's servers.
- Add something in the LAMS 2.1 announcement that lets people know about the FCKEditor upgrade
  - Universal Key has been removed for licensing reasons
  - Holding down the Control / Open Apple key and right mouse clicking shows the browser's popup menu (handy for spell checking in Firefox)
  - New Template button in authoring. Existing templates can be modified or new ones added in lams\_www.war/html\_templates.xml
  - New Flash Movie button in authoring.
- New core table lams\_password\_request added to support the lost password feature. Include in script alter\_21\_groupings\_fckeditor.sql.
- New rows added to lams\_configuration for LDEV-273, updated in alter\_21\_groupings\_fckeditor.sql
  - AllowForgotPasswordEmail (required)
  - SysadminSupportEmail (not required)
- Added new jar file to common jars: commons-io-1.4.jar. This requires an update to application.xml, as well as including the jar in the upgrader.
- LDEV-1530. Forum: Added column authored\_parent\_uid to tl\_lafrum11\_message
- demo.lamscommunity.org updated from 2.1 beta using the above changes on 26/2/08
- Add enable\_flash column to lams\_user; add EnableFlash row to lams\_configuration (included in alter\_21\_branching.sql)
- Added two new configuration settings for a custom tab. (included in alter\_21\_branching.sql)
- LDEV-1511 update myisam tables to innodb
  - lams\_common/db/sql/updatescripts/alter\_21\_engine.sql
  - lams\_tool\_notebook/db/sql/updatescripts/updateTo20080229.sql
  - lams\_tool\_chat/db/sql/updatescripts/updateTo20080229.sql
  - lams\_tool\_survey/db/sql/updatescripts/updateTo20080229.sql
  - lams\_tool\_larsrc/db/sql/updatescripts/updateTo20080229.sql
  - lams\_tool\_scribe/db/sql/updatescripts/updateTo20080229.sql

## From 2.1 RC1 to 2.1

- LDEV-1579, LDEV-1594: New column added to lams\_tool table supports\_outputs. Should be 1 for forum, mcq and voting, 0 for all other tools. Forum, mcq and voting tool also updated.
- LDEV-1597: New column in voting to control whether or not to show the voting results. (updateTo20080326.sql, replacing updateTo20080108.sql)
- LDEV-1598: Added four new configuration settings for adjusting screen (pop-up window) sizes. (included in alter\_21\_branching.sql)
- LDEV-273: Added (non-unique) index on the lams\_user.email field, as the Forgot password logic is to allow lookup on email address only.
- Copyright.jsp (in lams\_www) has been updated
- The following configuration items were marked as mandatory when they shouldn't have been. The alter\_21\_branching.sql script has been modified. LamsSupportEmail, SMTPServer, XmppAdmin, XmppConference, XmppDomain, XmppPassword.
- LDEV-1702: Added correct Japanese characters for the language description in lams\_supported\_locale. The sql update command was put in the alter\_21\_groupings\_fckeditor.sql script for the update.
- LDEV-1707: Changed type of marks for the File Submission tool from bigint to float. The conversion seems to happen automatically okay. Changed the version number for the tool to 20080509.
- LDEV-1717: The Quartz db connection was changed to UTF-8. Changed in mysql-ds.ini.

## From 2.1 to 2.1.1



Changes to the database no longer need to be recorded here after 2.1. The dbupdates directory in lams.jar and each tool's jar should be considered the authoritative list of database changes - autopatch will execute these as needed.

This page should still be used to record any changes to configuration files such as log4j.xml, etc.

- Added new configuration setting for the Gmap tool for the GmapKey required to access the google api. NOTE: MAKE SURE THIS FIELD IS EMPTY FOR 2.1.1 INSTALLS/UPDATES
  - insert into lams\_configuration (config\_key, config\_value, description\_key, header\_name, format, required) values ('GmapKey', '', 'config\_gmap.gmapkey', 'config.gmap.section.title', 'STRING', 0);
- Modified lams\_build/conf/unix/jboss/tomcat/context.xml and lams\_build/conf/windows/jboss/tomcat/context.xml (LDEV-1849)

Before doing the 2.1.1 Release, we will need to add the Google Maps key entry to the [LAMS Configuration](#) page.

## From 2.1.1 to 2.2

- Added a new column in the lams\_tool table to identify a class of tools for tool adapters. See alter\_211\_tool\_adapter.sql
- LDEV-1909 Added two new tables for the competence and competence mappings, see alter\_22\_competence.sql