

# MIGRATING FROM D7 TO D9

A WORK IN PROCESS

# HI I'M ELMER!

Elmer Masters

Director of Technology

Center for Computer-Assisted Legal Instruction

CALI

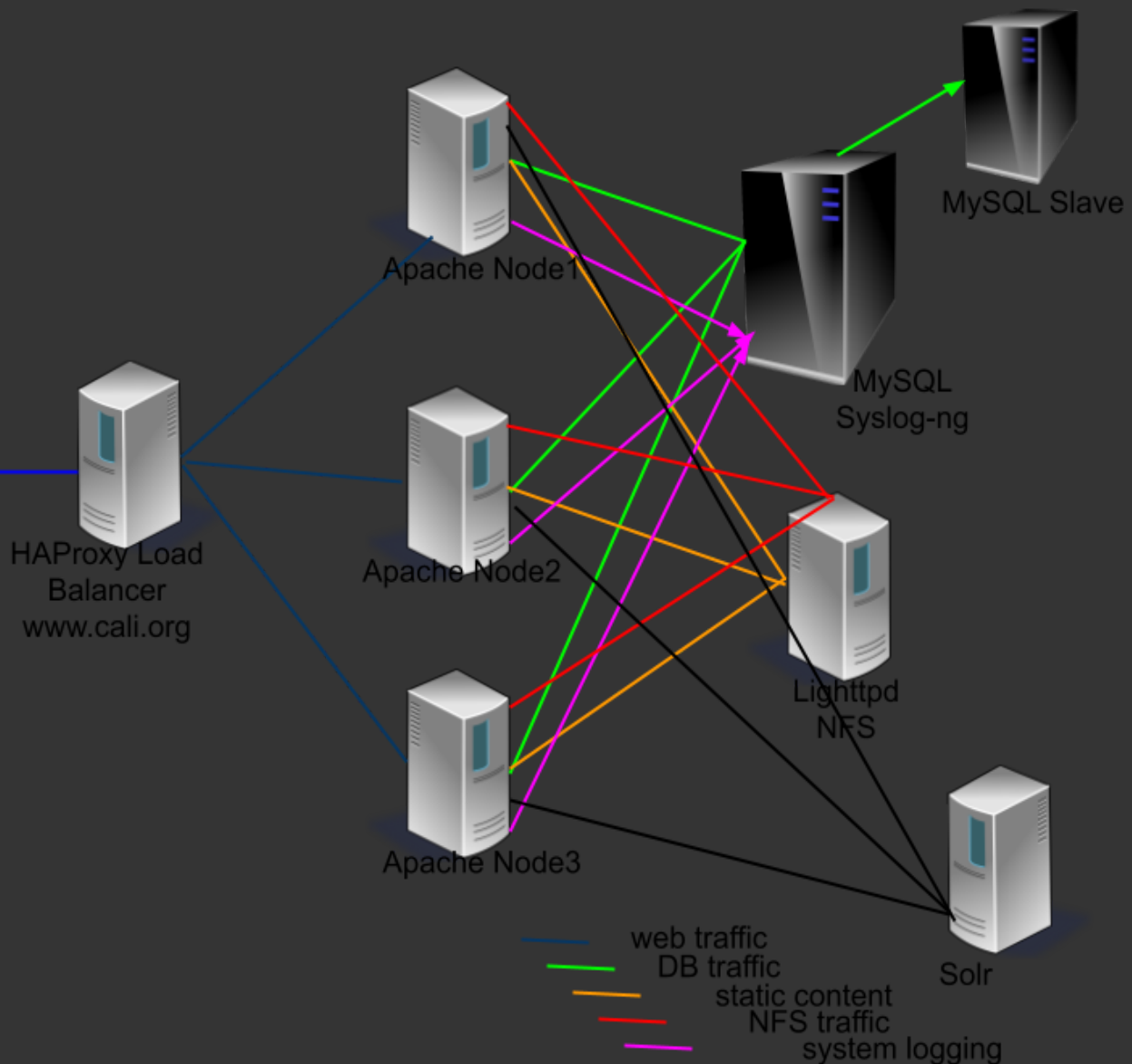
# SOME CALI BACKGROUND

- 501(c)(3) non-profit
- membership consortium of law schools
- incorporated in 1982

# MORE CALI BACKGROUND

- Lessons
- eLangdell Books
- CALI Awards
- Podcasts, Crosswords,  
and more
- CALI Author
- QuizWright
- CALI Lesson Viewer

Network



**New CALI Podcast**

The Importance of Collegiality and Professionalism: Discussions in Law School Success

**Melissa Hale**  
Director of Academic Success and Bar Programs  
Loyola University Chicago School of Law

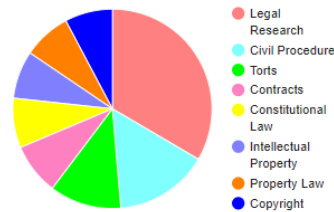
**CALI**  
www.cali.org

## New CALI Podcast Available: The Importance of Collegiality and Professionalism: Discussions in Law School Success

This podcast discusses the importance of collegiality and professionalism in law school and in practice, and gives concrete tips on how to practice being more professional, cooperative, and respectful in your everyday interactions.

[LEARN MORE](#)

### TODAY'S TOP TOPICS



### FEATURED CONTENT

#### Criminal Law: An Integrated Approach

Criminal Law: An Integrated Approach is a new textbook designed for a first-year law school course in criminal law. Its aim is to present an accurate overview of American criminal law as it operates in the twenty-first century, with attention to racial disparities and other inequalities and to the...

#### A First Generation's Guide to Law School

The interactive version of this guide is available online in CALI Lawbooks. This is written as a guide for first-generation students who are entering or are currently attending law school. It introduces students to law school vocabulary and available resources, gives guidance about how to prepare...

#### Improving Exam Writing with Deductive Reasoning

Most law students do not know what professors expect on law school exams. Students wonder what will score more points. In general, law school exam answers that score the highest tend

# FUN EXAMPLE

User registration

- \* requires an authorization code
- \* keeps non-members out
- \* links students to schools
- \* no anon usage






















```

73 // Get student groups:
74 $stu_group_query = db_query("SELECT n.title, n.nid FROM {field_data_field_group_type} g, {field_data_fie
75     array(':group_type' => 'Student Group'));
76 $stu_groups = array();
77 foreach ($stu_group_query as $stu_group) {
78     $stu_groups[$stu_group->nid] = $stu_group->title;
79 }
80 // Get current values if this is the user edit form:
81 $stu_groups_default = NULL;
82
83
84 // Get faculty groups:
85 $fac_group_query = db_query("SELECT n.title, n.nid FROM {field_data_field_group_type} g, {node} n " .
86     "WHERE g.entity_id = n.nid AND g.field_group_type_value = :group_type ORDER BY n.title",
87     array(':group_type' => 'Faculty Group'));
88 $fac_groups = array();
89 foreach ($fac_group_query as $fac_group) {
90     $fac_groups[$fac_group->nid] = $fac_group->title;
91 }
92 // Get current values if this is the user edit form:
93 $fac_groups_default = NULL;
94
95 $form['group_membership']['cali_stu_groups'] = array(
96     '#type' => 'radios',
97     '#options' => $stu_groups,
98     '#default_value' => $stu_groups_default,
99 );
100
101 $form['group_membership']['cali_fac_groups'] = array(
102     '#type' => 'radios',
103     '#options' => $fac_groups,
104     '#default_value' => $fac_groups_default,
105 );
106
107 $form['group_membership']['cali_org_group'] = array(
108     '#type' => 'hidden',
109     '#default_value' => NULL,
110 );
111
112 // Reorder form elements.
113 $form['field_auth_code']['#weight'] = -13;
114 $form['field_school_or_organization']['#weight'] = -12;
115 $form['group_membership']['#weight'] = -11;
116 $form['account']['#weight'] = -10;
117 }

```



# SO MANY CUSTOM MODULES

Name	Description
<input type="checkbox"/>  <b>CALI AutoPublish</b> (cali_autopublish)	▶ This module handles CALI AutoPublish features inside of Drupal.
<input type="checkbox"/>  <b>CALI Award</b> (cali_award)	▶ Provide some functionality for the Award entity
<input type="checkbox"/>  <b>CALI Award Migration</b> (cali_award_migration)	▶ The CALI Awards migration
<input type="checkbox"/>  <b>CALI Bookmark Link Position Fix</b> (cali_bookmark_link_position_fix)	▶ Positions the lesson page 'Bookmark This' link next to the 'Start lesson' link
<input type="checkbox"/>  <b>CALI Broken Links Find Fix</b> (cali_broken_links_find_fix)	▶ Finds broken links within content and, if internal, fixes them.
<input type="checkbox"/>  <b>CALI Courses</b> (cali_courses)	▶ Creates course pages for faculty users using LessonLink.
<input type="checkbox"/>  <b>Cali Custom</b> (cali_updates)	▶ Provides integration the CALI theme 2.0
<input type="checkbox"/>  <b>CALI Dashboard</b> (cali_dashboard)	▶ Creates dashboards for people and organizations.
<input checked="" type="checkbox"/>  <b>CALI DVD Lesson Library Registration</b> (cali_registerdvd)	▶ Allows for the registration of CALI DVDs
<input checked="" type="checkbox"/>  <b>CALI FAQ Viewer</b> (cali_faqlviewer)	▶ provides a simple viewer for CALI FAQs This version is not compatible with Drupal 7.x and should be replaced.
<input type="checkbox"/>  <b>CALI LessonLink</b> (cali_lessonlink)	▶ Creates trackable URLs for Lessons.
<input type="checkbox"/>  <b>CALI LessonRun</b> (cali_lessonrun)	▶ This provides access to the CALI LessonRun data within Drupal.
<input type="checkbox"/>  <b>CALI Lessons</b> (cali_lessons)	▶ This handles CALI Lesson functionality within Drupal.
<input type="checkbox"/>  <b>CALI Lessons by Author</b> (cali_lessons_by_author)	▶ Provides a list of lesson authors with last name filters.
<input type="checkbox"/>  <b>CALI Login</b> (cali_login)	▶ Provides custom login block and redirects user to upon login.
<input checked="" type="checkbox"/>  <b>CALI Migration</b> (cali_migration)	▶ The CALI Drupal 6 to 7 migration.
<input type="checkbox"/>  <b>CALI Organization Contacts</b> (cali_org_contacts)	▶ Provides block content for CALI members and affiliates contact information for CALI au...
<input type="checkbox"/>  <b>CALI Post Import Extras</b> (cali_post_import_extras)	▶ <i>No description available.</i>
<input type="checkbox"/>  <b>CALI Profile Title</b> (cali_profile_title)	▶ Modifies the title of user profile pages to display the first, middle, and last name instea...
<input type="checkbox"/>  <b>CALI Publisher</b> (cali_publisher)	▶ This module handles CALI Publisher features inside of Drupal.
<input type="checkbox"/>  <b>CALI Render User Groups</b> (cali_render_user_groups)	▶ Renders list of links to OG groups of which a given user is a member.

# SO, WHY MOVE?

- D7 end of life 11/01/2023
- PHP 7.4 end of life 11/28/2022
- D7 is old

# WHY D9?

- API in core
- Better media handling
- Layout builder
- Mobile first UI

**BUILD OR BUY**

**STILL A REBUILD**

# DRUPAL 9 FOR CALI

<http://drupal9cali.lbdev.calidev.org/>

# TOOLS

- Ddev
  - Windows + WSL2 + Docker
  - config.yaml for custom setup
  - should work on Mac

- Rain <https://www.drupal.org/project/rain>
  - composer template
  - theme
  - Mediacurrent



**SORT OF A DEMO**

**CLEAN YOUR ROOM!**

# THANK YOU!

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