Additional data feedback to the Dolibarr CRM

General framework

Dolibarr ↔ Moodle data synchronisation runs in both directions, on registers belonging to specific developments in Dolibarr, and from data produced by third-party plugins dedicated to training follow-up in Moodle (LearningTimeCheck).

Dolibarr to Moodle

User account synchronisation

1. Performed by Dolibarr
2. Uses the standard Moodle WS
3. Stores the Dolibarr id in the user's identification number

Enrolment synchronisation

1. Performed by Dolibarr
2. Uses the standard Moodle WS

Moodle to Dolibarr

Feeding information back to Dolibarr sets up event listeners to capture particular course events and transmit states or values to Dolibarr through the Dolibarr web services API. As a control, Moodle records a specific trace of these events in a dedicated table/register.

on course completed: Marking course completion in Moodle

Determines the moment when the training sequence was completed (all mandatory activities finished and accomplished according to the completion criteria).

on course module completion updated: Change of state of a course module

Fired each time an activity module sees its completion state modified and influences the overall training completion rate.

on course viewed: Entering the course

Only the first entry into the training is considered, thus marking the start of the learner's activity in the training programme.

on learningtimecheck items updated: Status change of a training marking item

Fired each time a tracking item is modified (marked or unmarked), computing the mandatory completion rates and the accumulated flat-rate times. Transmits a time of “acquired” mandatory items.

Utilities and CLI scripts

The CLI script `update_course_hours.php` scans a course to transmit the hours of a session for a number of users:

```
 Refreshes and sends to dolibarr course hours from sessions
```

```
Options:
-h, --help            Print out this help
-H, --host            the virtual host you are working for(*)
-c, --course          the course to process
-s, --session         the session (group) to process
-u, --userlist        The user list to restrict processing for
-v, --verbose         Set verbose mode on

Example:
\$sudo -u www-data /usr/bin/php local/dolibarr/cli/update_course_hours.php
```

(*) This script is compatible with VMoodle virtualisation.

Technical sheet

- **Component type:** Local plugin
- **Name:** Dolibarr CRM feedback
- **Technical name:** local_dolibarr
- **Supported versions:** 

to 

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Builds

Note: a “Failing” status does not necessarily mean that the plugin does not work. This status reflects the result of automated tests checking the code against Moodle's strict standards. We are continuously working on bringing all supported plugins progressively into compliance with these development rules.

Branch	Continuous integration tests
405	custom badge resource not found
501	custom badge resource not found

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