Chamilo LMS - Feature #7327

Make BBB MeetingIDs more unique

14/10/2014 08:07 - Yannick Warnier

<table>
<thead>
<tr>
<th>Status:</th>
<th>Feature implemented</th>
<th>Start date:</th>
<th>14/10/2014</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Urgent</td>
<td>Due date:</td>
<td>14/10/2014</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Yannick Warnier</td>
<td>% Done:</td>
<td>100%</td>
</tr>
<tr>
<td>Category:</td>
<td>Plugins</td>
<td>Estimated time:</td>
<td>2.00 hours</td>
</tr>
<tr>
<td>Target version:</td>
<td>1.9.10</td>
<td>Spent time:</td>
<td>4.65 hours</td>
</tr>
<tr>
<td>Complexity:</td>
<td>Normal</td>
<td>SCRUM pts -</td>
<td>complexity:</td>
</tr>
</tbody>
</table>

Description

At the moment, BBB plugin's MeetingID (plugin_bbb.id) are unique only for one specific Chamilo portal. If using the same videoconference server for multiple Chamilo portal, each videoconference will overwrite previous ones that have the same ID.

Find a way to generate a unique ID (and store it in plugin_bbb) that is unique for all Chamilo portals combined. One suggestion from the BigBlueButton team (https://code.google.com/p/bigbluebutton/wiki/API#create) is to use GUIDs (seems like that can be done in PHP by using http://php.net/manual/en/function.com-create-guid.php). However, using GUIDs do note completely ensure unicity (although it is a relatively safe bet). This would, in any case, be the easiest way to handle that.

So the procedure would be to:

- modify the plugin_bbb table to add a remote_id char(36)
- hack the plugin/bbb/lib/bbb.lib.php::create_meeting() method to generate a new guid (if it is decided that it is new) and use it in the meeting creation call
- change the "recordings view" to use the new fields

To avoid putting too much stress on the upgrade, if previous meetings were recorded without guid, assume the meetingID is the plugin_bbb.id field.

This is urgent because, while we do nothing, poor videoconferences are getting overwritten (and die).

I'm linking this to another task where we also need an additional field (visibility) to hide some previous recordings from students.

Related issues:

Related to Chamilo LMS - Feature #7324: BBB plugin: add option to hide prev...

Associated revisions

Revision 620012a7 - 16/10/2014 01:20 - Yannick Warnier
Update BBB plugin to use GUID-like identifier to avoid clash between conferences - refs #7327

Revision 4b298278 - 16/10/2014 02:56 - Yannick Warnier
Fix issue with BBB plugin recording-to-link feature + update BBB plugin code style - refs #7327

Revision 98788aec - 16/10/2014 06:33 - Yannick Warnier
Add backwards compatibility remote_id vs id in BBB plugin - refs #7327

History

#1 - 14/10/2014 08:08 - Yannick Warnier
- Priority changed from Normal to Urgent

#2 - 14/10/2014 08:12 - Yannick Warnier
- Description updated

#3 - 14/10/2014 16:33 - Yannick Warnier
- Assignee changed from Julio Montoya to Angel Quiroz

18/03/2020
#4 - 14/10/2014 20:25 - Yannick Warnier
- Assignee changed from Angel Quiroz to Imanol Losada

#5 - 16/10/2014 06:38 - Yannick Warnier
- Status changed from Assigned to Feature implemented
- Assignee changed from Imanol Losada to Yannick Warnier
- % Done changed from 10 to 100

Added GUID and fixed many code style issues