Chamilo LMS - Feature #8220

LP: Remove dokeos_chapter and dokeos_module from c_lp_item

03/05/2016 22:31 - Yannick Warnier

<table>
<thead>
<tr>
<th>Status:</th>
<th>Feature implemented</th>
<th>Start date:</th>
<th>03/05/2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td>Yannick Warnier</td>
<td>% Done:</td>
<td>100%</td>
</tr>
<tr>
<td>Category:</td>
<td>Learning paths / Lecciones</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
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<td>Target version:</td>
<td>1.11.0</td>
<td>Spent time:</td>
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<td>Complexity:</td>
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<td>SCRUM pts - complexity:</td>
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**Description**

The database still shows dokeos_chapter and dokeos_module item types, which is kind of ridiculous now. The difference isn’t clear either, but it seems that only “dir” and “dokeos_chapter” get inserted in the database from time to time. At the moment we have a mix of:

- dokeos_chapter
- dokeos_module
- chapter
- module
- dir

...of which only “dir” seems really important at all. I believe we should remove all of these progressively (checking carefully if that doesn’t break anything) in favor of the simple “dir” type.

**History**

**#1 - 29/06/2016 19:19 - Yannick Warnier**

In the campus.chamilo.org database (22313 learning paths and 64975 learnpath items) there are no "chapter" or "module" or "dokeos_module" items. Only 400 "dir" and 5225 "dokeos_chapter".

Based on these numbers and a thorough revision of the code, it is considered safe to move all of these items to a more unique "dir" item type. This will reduce code complexity and possibly make queries slightly faster.

Many places in the code look like this:

```php
if (
    $arrLP[$i]['item_type'] == 'dokeos_module' ||
    $arrLP[$i]['item_type'] == 'dokeos_chapter' ||
    $arrLP[$i]['item_type'] == 'dir'
) {
```

Unifying these would cut the interpretation time to half or better for many of these cases, so it might have a considerable impact on efficiency.

**#2 - 29/06/2016 23:57 - Yannick Warnier**

- Status changed from Assigned to Feature implemented
- % Done changed from 0 to 100

Patch sent here and included. This requires the execution of a database Migration if in development:

```bash
php bin/doctrine.php migrations:execute 20160628220000 --up --configuration=app/config/migrations.yml
```

(even if it says there was no SQL statement, it seems to be executing the conversion)