

Chamilo LMS - Feature #4655

Add Compilatio tool (a plagiarism detector tool)

25/04/2012 17:38 - Hubert Borderiou

Status:	Needs more info	Start date:	25/04/2012
Priority:	Normal	Due date:	
Assignee:	Laurent Opprecht	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	3.0	Spent time:	0.00 hour
Complexity:	Normal	SCRUM pts - complexity:	?

Description

Hi,
I've added the tool compilatio in Dok 1.8.6
I wanted to add it for Chamilo.
Here is how I did it for Dok 1.8.6 :

How this tool works ?
You upload a document in the Assignments tool.
The Compilatio tool display documents that are in The Assignments tool.
Your select your document and click on "Analyse document" to launch the plagiarism detector.
You may also upload the document directly in the Compilatio tool (then you'll see it in the Assignments tool)

What change to Chamilo code and database ?
BDD :
add a courses table compilatio_doc
add some settings_option and settings_current

Code :
/main/inc/lib|main_api.lib.php
/main/inc/lib|add_course.lib.inc.php
/main/admin|configure_extensions.php
/main/admin|index.php
/main/lang/french|admin.inc.php
/main/course_home|activity.php
/main/course_home|2column.php

See attached for some screenshots.

See how does it work in a short screencast :
<http://opus.grenet.fr/dokeos/gu/courses/RESSDSIGU/document/flash/DemoCompilatio.swf?cidReq=RESSDSIGU>

regards,

History

#1 - 25/04/2012 17:55 - Yannick Warnier

Is compilatio compatible with GNU/GPL? Apparently not: <http://www.compilatio.net/en/>

There are a series of plagiarism-analysis tools around. They probably work much the same way. Why not add a table called c_document_plagiarism so we can re-use it for other tools afterwards?

I don't think it is a good idea to have it implemented as a separate tool. I think it should be integrated in the assignments (*work*) tool and be added as an icon that only the teacher can see. Students upload their works normally, but the teacher has an additional icon (like 00:55 in your screencast, but only for the teacher, and *inside* the assignment tool).

Is that something you can manage to hack quickly to put it in 1.9 or should we wait for 1.9.1?

#2 - 25/04/2012 18:01 - Yannick Warnier

I think I remember that's the way the Ephorus plugin used to work. Maybe starting from this one would be quicker (not sure). Attaching the ephorus plugin for Dokeos...

I can't find the ephorus plugin itself anymore, but it should be possible to ask it to ephorus (I must still have an e-mail somewhere...)

#3 - 25/04/2012 18:07 - Yannick Warnier

- File *eph_settings.php* added

Wow, found a 2007 e-mail from Ephorus (steven dot de dot weirdt at ephorus dot com - comercial- and cornelis dot richter at ephorus dot com - technical-) with the following file (just as reference, as it is only the configuration file apparently).

There is no clear mention of a license, so please do not include. It is just as a matter of reference to the possible differences between compilatio and ephorus.

#4 - 26/04/2012 09:41 - Hubert Borderiou

Is compilatio compatible with GNU/GPL?

No, it's a "private" tool, from the Compilatio compagny.
An university use it here.

Why not add a table called *c_document_plagiarism*

Yes, would be less specific.

should be integrated in the assignments (work) tool

Good idea.
And I could create a category "Plagiarism detector" in the admin tool.

#5 - 27/04/2012 08:25 - Laurent Opprecht

+1 for this feature.

#6 - 01/05/2012 16:34 - Yannick Warnier

- Target version set to 1.9.2

#7 - 02/08/2012 00:52 - Yannick Warnier

- Target version changed from 1.9.2 to 2.0

#8 - 02/04/2013 14:33 - Hubert Borderiou

I'm working on it.
First version for 1.9.4 ready for me
The plugin is part of the assignments tool

2013-04-11_1433.png

#9 - 19/04/2013 10:17 - Hubert Borderiou

- File *compilatio_v1.2.zip* added

He is the version for Chamilo 1.9.4
unzippe files in chamilo folder
modify database as explain if file *compilatio.sql*
enter your compilatio paramaters in Chamilo > Admin > Parameters > Plagiarism

This addon has been made to allow several plagiagism detector in Chamilo
Folder *main/plagiarism*
In database table *c_plagiarism_compilatio_docs*
Function to do tests like *if (plagiarism_active() && plagiarism_tool() == TOOL_COMPILATIO)*
In Admin > Parameters you can choice the plagirism detector you want to use
2013-04-19_1011.png

In a near future, I'm going to look for the Euphorus plugin, and upgrade my addon for Chamilo 1.10

Any comments are welcome

regards,

#10 - 31/01/2016 23:27 - Yannick Warnier

- Target version changed from 2.0 to 3.0

#11 - 16/04/2016 21:07 - Yannick Warnier

- Status changed from New to Needs more info

- Assignee changed from Hubert Borderiou to Laurent Opprecht

Laurent, j'ai vu que vous aviez implémenté ça à unige... est-ce qu'on pourrait obtenir les sources pour l'intégrer dans 1.11?

<https://ciel.unige.ch/2016/04/compilatio-desormais-disponible-sur-chamilo-et-moodle/>

Files

2012-04-25_1607.png	42.3 KB	25/04/2012	Hubert Borderiou
2012-04-25_1608.png	58.4 KB	25/04/2012	Hubert Borderiou
eph_settings.php	4.47 KB	25/04/2012	Yannick Warnier
compilatio_v1.2.zip	815 KB	19/04/2013	Hubert Borderiou