Significant Learning Points from OpenCourseWare Consortium’s OER Search Engine

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Courses

An OpenCourseWare (OCW) is a free and open digital publication of high quality educational materials for colleges and universities. These materials are organized as courses, and often include course planning materials and evaluation tools as well as thematic content.

Search

We are currently tracking 25081 courses from 78 providers.

Search for course material

Search
This is an experimental Open Data API to Courses that are currently tracked by OpenCourseWare Consortium. We are currently setting first version of API endpoints as we transition to this system. Please note that API endpoints and/or return values might change at any time. We plan to finalize first version by the end of 2013.

This API currently directly powers OCWC course search.

If you have any questions or comments please contact Jure Cuhalev.

You can follow development in our Github repository.

If you would just like a copy of the data, you can download Excel export from here.

GET /
Goal

• Find out in what discipline we have courses in – is it balanced?
• Find out the language OERs are in
• Does the courseware reflect personality of the institution?
• Let our members know that data is VERY important
<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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</thead>
<tbody>
<tr>
<td>a1</td>
<td>b2</td>
<td>c3</td>
<td>d4</td>
<td>e5</td>
<td>f6</td>
<td>g7</td>
<td>h8</td>
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</tbody>
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**OCWC GLOBAL CONFERENCE**  
**LJUBLJANA, SLOVENIA • APRIL 23 - 25, 2014**  

**OPEN EDUCATION FOR A MULTICULTURAL WORLD**
Analysis Procedure

Course Title

Translation

Text Filtering:

: text file

R Program

(word cloud)

Open vPath & Application.PathSeparator & "word.R" For Output As #fNum
Print #1, "library(KoNLP)" 'Import the Korean Language Pack
Print #1, "library(RColorBrewer)"
Print #1, "library(wordcloud)"
Print #1, "f<-file(" & "" & "han.txt" & ",blocking=F)"
Print #1, "txtLines<-readLines(f)"
Print #1, "nouns<-sapply(txtLines,extractNoun,USE.NAMES=F)"
Print #1, "close(f)"
Print #1, "wordcount<-table(unlist(nouns))"
Print #1, "pal<-brewer.pal(12," & "Set3 & ")"
Print #1, "pal<-pal[-c(1:2)]"
Print #1, "png(" & " & "outputimagefile & ")"
Print #1, "wordcloud(names(wordcount),freq=wordcount,scale=c(6,0.3),min.freq=" &
    Trim(str(threshold)) & ",random.order=F,rot.per=.1,colors=brewer.pal(8," & "Dark2 & ")")"
Print #1, "dev.off()"
Close

command = "Rscript word.R"
errorCode = wsh.Run(command, windowStyle, waitOnReturn)
Word Cloud by Language

English

Science  Electronic  Advanced  Design  Computer
Language  Basic  Theory  Web  Basic
awi  Theory  Advanced  Design
Public  Based  Access  to  Digital
Law  IT  Data  Artificial  Intelligence
Engineering  Systems  Information  Computer
Management  Media  Work
Calculus  Spanish  Techniques  Applications
History  Mathematics  Accounting  Automatic
Literature  course  Design  work
21F  English  Open  Education  for  a  Multicultural  World
Word Cloud by Institution

Hokkaido

National Ciao Tung
Conclusion

• Many early adopters of OCW have courseware focused on sciences
• Discipline influenced by first department that adopted OCW
Call to Action

• Share course data!!!