XML Export of KCAI Courses from Lumen Software
Online Course Enrollment application

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Compiled by Vitali Malinouski
1. This is how to get list of semesters

http://lumen.kcai.edu/applications/kcai/export_xml.php?type=semester - all semesters
http://lumen.kcai.edu/applications/kcai/export_xml.php?type=semester&current=yes - current only

Brief description of fields
- semid - int - unique id of the semester
- sem_name - vc(100) - name of the semester
- sem_start - date - date semester starts
- sem_end - date - date semester ends
- current - bool - t or f - flag if semester is current
- display order - int - for sorting purposes

2. This is how to get course groups (tags, groups, etc. are all interchangeable terms). A course might have multiple groups. Groups can be nested, if parentid is not blank, then it is a subgroup.

http://lumen.kcai.edu/applications/kcai/export_xml.php?type=group

Brief description of fields
- groupid - int - unique id of the group
- group_name – vc(100) - name of the group
- parentid - int – if not blank it is groupid of the parent group
- displayseq - int – sorting parameter
- current - bool – if t then the group is current; if f then the group has been deprecated.

3. Once you know ID of the semester, you can pull courses for this semester

http://lumen.kcai.edu/applications/kcai/export_xml.php?type=course&semid=71

We tried to include as much information as possible in the export. As you see, it is export of scheduled courses. Each record represent a scheduled class and has information about that class and when it is scheduled. If you do not specify semid, it will return the list of all courses. Right now, there is only one course group (or tags as we discussed), but it will be an array, meaning there will be multiple groups for the same course.

Brief description of important fields
- courseid - int - unique id of the course (not master schedule record)
- course_number - vc(50) - number of the course
- course_name - vc(1500) - name of the course
- course_description - text - description of the course
- cmid - int - unique id of master schedule record
- course_credits - float - number of academic credits
- course_cost - float - cost of the course
- course_fees - float - additional fees for the course (lab fee, material, etc)
- course_deposit - float - deposit amount for the course
- max_enrollment - int - maximum number of students allowed to enroll
- min_enrollment - int - min number of students for course to happen
- course_start_date - date – start date for the course
- course_end_date - date – end date for the course
- course_start_time - time – start time for the course (can use course_time_desc)
- course_end_time - time – end time for the course (can use course_time_desc)
- course_time_desc - vc(100) – description of course time that visible on the website
- course_cancelled - bool - if course is canceled (due to any number of reasons)
- course_enrollment_closed - bool - if no more enrollment accepted
- groups – vc() – comma separated list of ids of the groups to which the course belongs
- instructor_id - int - unique id of the instructor
- instructor_first_name - vc(75) - instructor first name
- instructor_last_name - vc(75) - instructor last name
- semid - int - unique id of the semester
- sem_name - vc(100) - name of the semester
- loc_code - char(1) - location N - north campus, M - main campus