

CAE LearningSpace Learner Schedule API

Purpose

With specifying an email address (learner email address saved in CAE LearningSpace) and a date range, the Student Calendar API returns the scheduled activity titles and the start and end dates of the round(s) the learner has been scheduled to.

Location

http://<your_learningspace_server_address>/w/api/student_calendar.cgi

Input Parameters (GET)

NONE

Input Message (POST)

XML message

EXAMPLE:

```
<request>
  <param name="email" value="learner@cae.com" />
  <param name="sdate" value="2013-05-24" />
  <param name="edate" value="2013-07-03" />
</request>
```

Learner scheduling information for the given time range in XML format:

```
<response STATUS="+OK">
  <event name="BLS/CPR Critical Skills Assessment" rnd_end="2013-07-04 09:15:00" rnd_start="2013-07-04 09:00:00" />
</response>
```

XML Output Structure

Node	Attribute	Description
<event_name>		Title of activity the learner has been assigned to.
<rnd_start>		Start date and time of the round within the activity which the learner has been assigned to.
<rnd_end>		End date and time of the round within the activity which the learner has been assigned to.

Status Values in Response

'+OK': Information retrieved OK

'+No_hits': Request was correct but no data found for given values

'-Invalid_input_XML': Invalid XML in request

'-Missing_or_invalid_parameters': Missing or invalid parameters in request XML

'-Duplicate_users_found_by_the_given_email': More than one users found for the provided email address

'-No_user_found_by_the_given_email': No user found by the given email address

*** Sample code for calling the API (implemented in Perl)**

```
#!/usr/bin/perl
use strict;
use warnings;

use LWP::UserAgent;

my $endpointUrl="http://localhost/w/api/student_calendar.cgi";

my $requestXML = <<EOX;
<request>
  <param name="email" value="learner\@cae.com" />
  <param name="sdate" value="2013-05-24" />
  <param name="edate" value="2013-07-03" />
</request>
EOX

my $params = {
  'POSTDATA' => $requestXML
};

my $apiClient = LWP::UserAgent->new();
my $response = $apiClient->post($endpointUrl, $params);
my $content = $response->content;
print $content;
```