

Project Keitai API

Correct as at 1 November 2013

For background, see the project proposal at
<https://confluence.sakaiproject.org/display/MOBILE/Home>

All capabilities are served through <http://your.sakai.server/direct> - this is also a self documenting page that lists all capabilities known to the system and their functions and should be read in conjunction with this summary.

This summary is a quick reference of the most common functionality, and is not designed to be comprehensive. There are other providers not documented here. Most providers provide more fine grained documentation. Always consult /direct/describe for the current functionality that your Sakai environment supports.

Note: A user session must be established before making these calls though some support public access and are documented as such.

Login

POST /direct/session
_username=USERNAME
_password=PASSWORD

Note, in future, login may be able to leverage the OAuth module:
<https://jira.sakaiproject.org/browse/SAK-23666>

Capabilities

Announcements

Retrieve the announcements for a site
GET [/direct/announcement/site/SITEID.xml | .json](#)

Retrieve the message of the day announcements
GET /direct/announcement/motd.xml | .json

Retrieve the announcements for the current user (mimics my workspace)
GET /direct/announcement/user.xml | .json

Assignments

Retrieve the list of assignments for a site

GET /direct/assignment/site/SITEID.xml | .json

Retrieve the details of an assignment



GET /direct/assignment/item/ASSIGNMENTID.xml | .json

Retrieve all assignments for the current user

~~GET /direct/assignment/my.xml | .json~~

Calendar

Retrieve the list of events for a site

GET /direct/calendar/site/SITEID.xml | .json

Retrieve the details of an event

GET /direct/calendar/event/EVENTID.xml | .json

Retrieve all events for the current user

GET /direct/calendar/my.xml | .json

Clog

Retrieve a summary of posts for a site

GET /direct/clog/site/SITEID.xml | .json

Retrieve the details of a given post

GET /direct/clog/post/POSTID.xml | .json

Retrieve all posts authored by the specified user

GET /direct/clog/user/USERID.xml | .json

Dashboard

Retrieve the dashboard news items for the currently logged in user

GET /direct/dash/news.xml | .json

Add the site param to restrict the items to the specified site. Add hidden=true or starred=true to only retrieve hidden or starred items.

Retrieve the dashboard calendar items for the currently logged in user

GET /direct/dash/calendar.xml | .json

For both of these providers, add the 'site' param to restrict the items to the specified site. Add 'hidden=true' or 'starred=true' to only retrieve hidden or starred items, or combinations of both.

Dropbox

Retrieve the dropbox items for a given site and user

GET /direct/dropbox/site/SITEID/user/EID.xml | .json

Forums

Get all fora for a site

GET /direct/forums/site/SITEID.xml | .json

Get all topics for a forum

GET /direct/forums/site/SITEID/forum/FORUMID.xml | .json

Get all threads for a topic

GET /direct/forums/site/SITEID/forum/FORUMID/topic/TOPICID.xml | .json

Get a fully populated thread or message. This retrieves the message tree from the specified message downwards. If the MESSAGEID is the top level message in a thread, the entire thread is returned.

GET /direct/forums/site/SITEID/forum/FORUMID/topic/TOPICID/message/MESSAGEID.xml | .json

Gradebook

Retrieve the list of gradebook items for a site

GET /direct/gradebook/site/SITEID.xml | .json

Retrieve the details of an assignment grading specified by the assignment name

GET /direct/gradebook/item/SITEID/ASSIGNMENTNAME.xml | .json

Retrieve all grades for the current user in all sites

GET /direct/gradebook/my.xml | .json

Lessons

Retrieve the list of lessons for a site

GET /direct/lessons/site/SITEID.xml | .json

Retrieve the details of a lesson

GET /direct/lessons/item/LESSONID.xml | .json

Retrieve a summary of lessons for the current user

GET /direct/lessons/my.xml | .json

Melete

Retrieve the list of modules for a site

GET /direct/melete/site/SITEID.xml | .json

Retrieve details of a given module

GET /direct/melete/site/SITEID/module/MODULEID.xml | .json

Membership

This is a complex provider. Refer to /direct/membership/describe.

News

Retrieve the list of news items for a given site

GET /direct/news/site/SITEID.xml | .json

Retrieve the contents of a given news feed

GET /direct/news/channel/NEWSID.xml | .json

Podcast

Retrieve the list of podcast items for a given site

GET /direct/podcast/site/SITEID.xml | .json

Polls

Retrieve the list of polls the current user can take in the given site

GET /direct/polls/site/SITEID.xml | .json

This provider has full read and write support for voting in polls. Please see /direct/polls/describe for the full details.

Profile2

Retrieve a user's profile

GET /direct/profile/USERID.xml | .json

Retrieve a user's profile image

GET /direct/profile/USERID/image

Note there are many options that can be appended to the request control the type of image returned.

Retrieve a user's connections

GET /direct/profile/USERID/connections.xml | .json

This provider has extended read support for viewing more profile information including a html formatted profile for direct embedding in other tools, connection status and friend requests. Please see /direct/profile/describe for the full details.

Resources

Retrieve the list of resources for a site

GET /direct/content/site/SITEID.xml | .json

Retrieve the list of resources for the current user's myworkspace

GET /direct/content/my.xml | .json

Retrieve the list of resources for a given user's myworkspace. Generally only admin type people will be able to access this.

GET /direct/content/user/EID.xml | .json

Roster

Retrieve the list of members for a site including profile images

GET /direct/roster/site/SITEID.xml | .json

Retrieve the list of members in a group in a given site including profile images

GET /direct/roster/group/SITEID/GROUPID.xml | .json

You can choose to retrieve the official image for user by setting officialImages=true in the request URL for both of these providers.

Syllabus

Retrieve the syllabus for a given site. If the syllabus is a redirect, the result will be the URL, otherwise the content will be returned. If date ranges are presented, then normal users will only receive those items within the ranges, maintain users will receive all items.

GET /direct/syllabus/site/SITEID.xml | .json

Web Content

Retrieve the webcontent items for a given site

GET /direct/webcontent/site/SITEID.xml | .json

Wiki

Retrieve a list of wiki pages for a given site

GET /direct/wiki/site/SITEID.xml | .json

Retrieve the content of a wiki page in a given site

GET /direct/wiki/site/SITEID/page/PAGENAME.xml | .json