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Web service API functions

Moodle 2.0

Color meaning
Implemented
Must be implemented
Suggested

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Web service protocols

Name	Moodle Ver.	Description	CORS	Issue
REST (returning XML)	2.0	XML data accessed through a REST API (not restful)	Supported (3.0 and onwards)	
REST (returning JSON)	2.2	JSON data accessed through a REST API (not restful)	Supported (3.0 and onwards)	MDL-29242
REST (returning JSONP)	2.X	Would be very useful for client-side JavaScript	Not supported	MDL-29913
JSON	2.X	JSON server receives a JSON encoded params and return JSON encoded values.	Not supported	MDL-21341
SOAP	2.0	Very important for interoperating with Java and .Net applications. There was a partial implementation JAVA/.Net in Moodle 2.0, but it does not work for anything but the most trivial functions. It is fully working with PHP clients.	Not supported	MDL-20804, MDL-28988, MDL-28989
XMLRPC	2.0	XML remote-procedure call.	Not supported	

Web service functions

Naming convention

We updated (regularised) the naming convention in Moodle 2.2. See MDL-29106 for those details.

All functions should be named as follows:

- wsfunction = fullcomponent_methodname
- fullcomponent = frankenstyle (eg core_xxxx or mod_xxx etc)
- methodname = verb_noun(s)
- verb = get|create|delete|update
- noun = moodle objects, usually plural (eg posts, discussions, users, courses etc)

Core web service functions

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
core	core_fetch_notifications		3.1	Return a list of notifications for the current session	
core	core_get_component_strings()		2.4	Return all raw strings (with {\$a->xxx}) for a specific component - similar to core get_component_strings() call	MDL-35997
core	core_get_fragment		3.1	Return a fragment for inclusion, such as a JavaScript page.	
core	core_get_string()		2.4	Return a translated string - similar to core get_string() call	MDL-35997
core	core_get_strings()		2.4	Return some translated strings - like several core get_string() calls	MDL-35997
core	core_update_inplace_editable		3.1	Generic service to update title	
core_badges	core_badges_get_user_badges		3.1	Returns the list of badges awarded to a user.	
core_calendar	core_calendar_create_calendar_events()		2.5	Create calendar events	MDL-37101
core_calendar	core_calendar_delete_calendar_events()		2.5	Delete calendar events	MDL-37077
core_calendar	core_calendar_get_calendar_events()		2.5	Get calendar events	MDL-37100
core_cohort	core_cohort_add_cohort_members()		2.4	Add members to cohort	MDL-29472
core_cohort	core_cohort_create_cohorts()		2.4	Create cohorts	MDL-29472
core_cohort	core_cohort_delete_cohort_members()		2.4	Delete members from cohort	MDL-29472
core_cohort	core_cohort_delete_cohorts()		2.4	Delete cohorts	MDL-29472
core_cohort	core_cohort_get_cohort_members()		2.4	Get cohort members	MDL-29472
core_cohort	core_cohort_get_cohorts()		2.4	Get cohorts	MDL-29472
core_cohort	core_cohort_update_cohorts()		2.4	Update cohorts	MDL-29472
core_comment	core_comment_get_comments()		2.9	Return all the comments for an specific component, context.	MDL-49203
core_competency	core_competency_add_competency_to_course		3.1	Add competency to a course	MDL-49458
core_competency	core_competency_add_competency_to_plan		3.1	Add a competency to a learning plan	MDL-49458
core_competency	core_competency_add_competency_to_template		3.1	Add competency to a template	MDL-49458
core_competency	core_competency_add_related_competency		3.1	Create a relationship between competencies	MDL-49458
core_competency	core_competency_approve_plan		3.1	Approve a learning plan	MDL-49458
core_competency	core_competency_competency_framework_viewed		3.1	Notify a competency framework as being viewed	MDL-49458
core_competency	core_competency_competency_viewed		3.1	Report a competency as being viewed	MDL-49458
core_competency	core_competency_complete_plan		3.1	Complete a learning plan	MDL-49458
core_competency	core_competency_count_competencies		3.1	Count the competencies	MDL-49458
core_competency	core_competency_count_competencies_in_course		3.1	Count competencies in a course	MDL-49458
core_competency	core_competency_count_competencies_in_template		3.1	Count the competencies in a template	MDL-49458

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
core_competency	core_competency_count_competency_frameworks		3.1	Count the competency frameworks	MDL-49458
core_competency	core_competency_count_courses_using_competency		3.1	Count courses using a competency	MDL-49458
core_competency	core_competency_count_templates		3.1	Count templates	MDL-49458
core_competency	core_competency_count_templates_using_competency		3.1	Count templates using a competency	MDL-49458
core_competency	core_competency_create_competency		3.1	Create a competency	MDL-49458
core_competency	core_competency_create_competency_framework		3.1	Create a competency framework	MDL-49458
core_competency	core_competency_create_plan		3.1	Create a learning plan	MDL-49458
core_competency	core_competency_create_template		3.1	Create a template	MDL-49458
core_competency	core_competency_create_user_evidence_competency		3.1	Link an evidence of prior learning with a user's competency	MDL-49458
core_competency	core_competency_delete_competency		3.1	Delete a competency	MDL-49458
core_competency	core_competency_delete_competency_framework		3.1	Delete a competency framework	MDL-49458
core_competency	core_competency_delete_evidence		3.1	Delete an evidence	MDL-49458
core_competency	core_competency_delete_plan		3.1	Delete a learning plan	MDL-49458
core_competency	core_competency_delete_template		3.1	Delete a template	MDL-49458
core_competency	core_competency_delete_user_evidence		3.1	Delete an evidence of prior learning	MDL-49458
core_competency	core_competency_delete_user_evidence_competency		3.1	Remove a link between an evidence of prior learning and a user's competency	MDL-49458
core_competency	core_competency_duplicate_competency_framework		3.1	Duplicate a competency framework	MDL-49458
core_competency	core_competency_duplicate_template		3.1	Duplicate a template	MDL-49458
core_competency	core_competency_get_scale_values		3.1	Get the values for a scale	MDL-49458
core_competency	core_competency_grade_competency		3.1	Rate a user's competency	MDL-49458
core_competency	core_competency_grade_competency_in_course		3.1	Rate a user's competency in a course	MDL-49458
core_competency	core_competency_grade_competency_in_plan		3.1	Rate a user's competency in a learning plan	MDL-49458
core_competency	core_competency_list_competencies		3.1	List competencies	MDL-49458
core_competency	core_competency_list_competencies_in_template		3.1	List the competencies of a template	MDL-49458
core_competency	core_competency_list_competency_frameworks		3.1	List the competency frameworks	MDL-49458
core_competency	core_competency_list_course_competencies		3.1	List the competencies in a course	MDL-49458
core_competency	core_competency_list_plan_competencies		3.1	List a learning plan's competencies	MDL-49458
core_competency	core_competency_list_templates		3.1	List templates	MDL-49458

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
core_competency	core_competency_list_templates_using_competency		3.1	List templates using a competency	MDL-49458
core_competency	core_competency_list_user_plans		3.1	List a user's learning plans	MDL-49458
core_competency	core_competency_move_down_competency		3.1	Move a competency down in its branch	MDL-49458
core_competency	core_competency_move_up_competency		3.1	Move a competency up in its branch	MDL-49458
core_competency	core_competency_plan_cancel_review_request		3.1	Cancel the review request of a learning plan	MDL-49458
core_competency	core_competency_plan_request_review		3.1	Request the review of a learning plan	MDL-49458
core_competency	core_competency_plan_start_review		3.1	Start the review of a learning plan	MDL-49458
core_competency	core_competency_plan_stop_review		3.1	Stop the review of a learning plan	MDL-49458
core_competency	core_competency_read_competency		3.1	Fetch a competency	MDL-49458
core_competency	core_competency_read_competency_framework		3.1	Fetch a competency framework	MDL-49458
core_competency	core_competency_read_plan		3.1	Fetch a learning plan	MDL-49458
core_competency	core_competency_read_template		3.1	Fetch a template	MDL-49458
core_competency	core_competency_read_user_evidence		3.1	Fetch an evidence of prior learning	MDL-49458
core_competency	core_competency_remove_competency_from_course		3.1	Remove competency from a course	MDL-49458
core_competency	core_competency_remove_competency_from_plan		3.1	Remove a competency from a learning plan	MDL-49458
core_competency	core_competency_remove_competency_from_template		3.1	Remove competency from template	MDL-49458
core_competency	core_competency_remove_related_competency		3.1	Remove a relationship between competencies	MDL-49458
core_competency	core_competency_reopen_plan		3.1	Reopen a learning plan	MDL-49458
core_competency	core_competency_reorder_course_competency		3.1	Reorder competencies in a course	MDL-49458
core_competency	core_competency_reorder_plan_competency		3.1	Reopen a competency in a learning plan	MDL-49458
core_competency	core_competency_reorder_template_competency		3.1	Reorder competencies in a template	MDL-49458
core_competency	core_competency_request_review_of_user_evidence_linked_competencies		3.1	Request the review of the user's competencies linked to an evidence of prior learning	MDL-49458
core_competency	core_competency_search_competencies		3.1	Search for competencies	MDL-49458
core_competency	core_competency_set_course_competency_ruleoutcome		3.1	Set the rule of course competencies	MDL-49458
core_competency	core_competency_set_parent_competency		3.1	Relocate a competency to another parent	MDL-49458
core_competency	core_competency_template_has_related_data		3.1	Check whether a template has related data	MDL-49458

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
core_competency	core_competency_template_viewed		3.1	Report a template as being viewed	MDL-49458
core_competency	core_competency_unapprove_plan		3.1	Unapprove a learning plan	MDL-49458
core_competency	core_competency_unlink_plan_from_template		3.1	Unlink a learning plan from a template	MDL-49458
core_competency	core_competency_update_competency		3.1	Update a competency	MDL-49458
core_competency	core_competency_update_competency_framework		3.1	Update a competency framework	MDL-49458
core_competency	core_competency_update_course_competency_settings		3.1	Update the course competency settings	MDL-49458
core_competency	core_competency_update_plan		3.1	Update a learning plan	MDL-49458
core_competency	core_competency_update_template		3.1	Update a template	MDL-49458
core_competency	core_competency_user_competency_cancel_review_request		3.1	Cancel the review request of a user's competency	MDL-49458
core_competency	core_competency_user_competency_plan_viewed		3.1	Report the archive of user's competency as being viewed	MDL-49458
core_competency	core_competency_user_competency_request_review		3.1	Request the review of a user's competency	MDL-49458
core_competency	core_competency_user_competency_start_review		3.1	Start the review of a user's competency	MDL-49458
core_competency	core_competency_user_competency_stop_review		3.1	Stop the review of a user's competency	MDL-49458
core_competency	core_competency_user_competency_viewed		3.1	Report a user's competency as being viewed	MDL-49458
core_competency	core_competency_user_competency_viewed_in_course		3.1	Report a user's competency as being viewed from a course	MDL-49458
core_competency	core_competency_user_competency_viewed_in_plan		3.1	Report a user's competency as being viewed from a learning plan	MDL-49458
core_completion	core_completion_get_activities_completion_status()		2.9	Return the activities completion status for a user in a course.	MDL-49314
core_completion	core_completion_get_course_completion_status()		2.9	Returns course completion status.	MDL-49313
core_completion	core_completion_mark_course_self_completed		3.0	Update the course completion status for the current user (if course self-completion is enabled).	MDL-50930
core_completion	core_completion_update_activity_completion_status_manually()		2.9	Update completion status for the current user in an activity, only for activities with manual tracking.	MDL-49444
core_course	core_course_create_categories()		2.3	create categories	MDL-32941
core_course	core_course_create_courses()	moodle_course_create_courses()	2.0	Create new courses	
core_course	core_course_delete_categories()		2.3	delete categories	MDL-32941
core_course	core_course_delete_courses()		2.3	delete courses	MDL-13130
core_course	core_course_delete_modules()		2.5	Deletes all specified module instances	MDL-30098

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
core_course	core_course_duplicate_course()		2.3	duplicate a course	MDL-32233
core_course	core_course_get_categories()		2.3	get categories	MDL-32941
core_course	core_course_get_contents()		2.2	get course content (modules + web service file urls)	MDL-28646
core_course	core_course_get_course_module		3.0	Return information about a course module.	MDL-51371
core_course	core_course_get_course_module_by_instance		3.0	Return information about a given module name and instance id.	MDL-51579
core_course	core_course_get_courses()	moodle_course_get_courses()	2.0	Return course details	
core_course	core_course_import_course()		2.4	Import course data from a course into another course. Does not include any user data.	MDL-32919
core_course	core_course_search_courses		3.0	Search courses by (name, module, block, tag).	MDL-49942
core_course	core_course_update_categories()		2.3	update categories	MDL-32941
core_course	core_course_update_courses()		2.5	Update courses.	MDL-30062
core_course	core_course_view_course()		2.9	Log that the course was viewed	MDL-49453
core_enrol	core_enrol_get_course_enrolment_methods		3.0	Get the list of course enrolment methods	
core_enrol	core_enrol_get_enrolled_users()	moodle_user_get_users_by_courseid()	2.1	Get enrolled users by course id	
core_enrol	core_enrol_get_enrolled_users_with_capability()		2.4	For each course and capability specified, return a list of the users that are enrolled in the course and have that capability	MDL-31859
core_enrol	core_enrol_get_users_courses()	moodle_enrol_get_users_courses()	2.0	get list of course ids that a user is enrolled in (if you are allowed to see that)	
core_files	core_files_get_files()	moodle_file_get_files()	2.0	browse moodle files	
core_grade	core_grade_get_grades()		2.7	Returns student course total grade and grades for activities. This function does not return category or manual items. This function is suitable for managers or teachers not students.	MDL-30085
core_grade	core_grade_update_grades()		2.7	Update a grade item and associated student grades.	MDL-30085
core_grading	core_grading_get_definitions()		2.6	Returns grading definitions for the course module ids and areaname provided as parameters. An optionall activeonly parameter can be provided so that only the active grading method is returned.	MDL-31890
core_grading	core_grading_get_gradingform_instances()		2.6	Returns the instances and fillings for the requested definition id. An optional since parameter allows the number of	MDL-31890

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
				records returned to be reduced so that only those with a timemodified value >= since are returned	
core_grading	core_grading_save_definitions()		2.8	Accepts an array of areas as a parameter. The areas contain grading definitions with criteria for inserting and updating	MDL-31861
core_group	core_group_add_group_members()	moodle_group_add_groupmembers()	2.0	Adds group members	
core_group	core_group_assign_grouping()		2.3	assign groups from groupings	MDL-32662
core_group	core_group_create_groupings()		2.3	create groupings	MDL-32662
core_group	core_group_create_groups()	moodle_group_create_groups()	2.0	Creates new groups	
core_group	core_group_delete_group_members()	moodle_group_delete_groupmembers()	2.0	Deletes group members	
core_group	core_group_delete_groupings()		2.3	delete groupings	MDL-32662
core_group	core_group_delete_groups()	moodle_group_delete_groups()	2.0	Deletes all specified groups	
core_group	core_group_get_activity_allowed_groups		3.0	Gets a list of groups that the user is allowed to access within the specified activity.	MDL-50966
core_group	core_group_get_activity_groupmode		3.0	Returns effective groupmode used in a given activity.	MDL-50964
core_group	core_group_get_course_groupings()		2.3	get all groupings in specified course	MDL-32662
core_group	core_group_get_course_groups()	moodle_group_get_course_groups()	2.0	Returns all groups in specified course	
core_group	core_group_get_course_user_groups()		2.9	Returns all groups in specified course for the specified user.	MDL-48730
core_group	core_group_get_group_members()	moodle_group_get_groupmembers()	2.0	Returns group members	
core_group	core_group_get_groupings()		2.3	get groupings	MDL-32662
core_group	core_group_get_groups()	moodle_group_get_groups()	2.0	Returns group details.	
core_group	core_group_unassign_grouping()		2.3	unassign groups from groupings	MDL-32662
core_group	core_group_update_groupings()		2.3	update groupings	MDL-32662
core_message	core_message_block_contacts()		2.5	Block contacts	MDL-30070
core_message	core_message_create_contacts()		2.5	Add contacts to the contact list	MDL-30070
core_message	core_message_delete_contacts()		2.5	Remove contacts from the contact list	MDL-30070
core_message	core_message_delete_message		3.1	Deletes a message.	
core_message	core_message_get_blocked_users()		2.9	Retrieve a list of users blocked	MDL-48719
core_message	core_message_get_contacts()		2.5	Retrieve the contact list	MDL-30070
core_message	core_message_get_messages()		2.8	Retrieve a list of messages sent and received by a user (conversations, notifications or both)	MDL-45374
core_message	core_message_mark_message_read()		2.9	Mark a single message as read, trigger message_viewed event.	MDL-49501
core_message	core_message_search_contacts()		2.5	Search for contacts	MDL-30070

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
core_message	core_message_send_instant_messages()	moodle_message_send_instantmessages()	2.1	Send instant messages	
core_message	core_message_unblock_contacts()		2.5	Unblock contacts	MDL-30070
core_notes	core_notes_create_notes()	moodle_notes_create_notes()	2.1	Create notes	
core_notes	core_notes_delete_notes()		2.5	Delete Notes	MDL-30072
core_notes	core_notes_get_course_notes()		2.9	Returns all notes in specified course (or site) for the specified user.	MDL-49330
core_notes	core_notes_get_notes()		2.5	Retrieve Notes	MDL-30072
core_notes	core_notes_update_notes()		2.5	Update Notes	MDL-30072
core_notes	core_notes_view_notes()		2.9	Simulates the web interface view of notes/index.php: trigger events.	MDL-49504
core_output	core_output_load_template		3.0	Load a template for a renderable	
core_question	core_question_update_flag		3.1	Update the flag state of a question attempt.	
core_rating	core_rating_get_item_ratings()		2.9	Retrieve all the ratings for an item.	MDL-49347
core_role	core_role_assign_roles()	moodle_role_assign()	2.0	Manual role assignments	
core_role	core_role_unassign_roles()	moodle_role_unassign()	2.0	Manual role unassignments	
core_tag	core_tag_get_tagindex		3.1	Gets tag index page for one tag and one tag area	
core_tag	core_tag_get_tags		3.0	Gets tags by their ids	
core_tag	core_tag_update_tags		3.0	Updates tags	
core_user	core_user_add_user_device()		2.6	Store mobile user devices information for PUSH Notifications.	MDL-41914
core_user	core_user_add_user_private_files		2.6	Copy files from a draft area to users private files area.	
core_user	core_user_create_users()	moodle_user_create_users()	2.0	Create users - admin function	
core_user	core_user_delete_users()	moodle_user_delete_users()	2.0	Delete users - admin function	
core_user	core_user_get_course_user_profiles()	moodle_user_get_course_participants_by_id()	2.1	Get course user profiles by id	
core_user	core_user_get_users()		2.5	Search users. - If you want to get multiple users for one specific field, use core_user_get_users_by_field(), it's designed for this purpose and it should be faster.	MDL-29938
core_user	core_user_get_users_by_field()		2.5	Retrieve users information for a specified unique field - If you want to do a user search, use core_user_get_users()	MDL-35543
core_user	core_user_get_users_by_id()	moodle_user_get_users_by_id()	2.0	Get users by id	
core_user	core_user_remove_user_device()		2.9	Remove a user device from the Moodle database.	MDL-48716
core_user	core_user_update_users()	moodle_user_update_users()	2.0	Update users	

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
core_user	core_user_view_user_list()		2.9	Simulates the web-interface view of user/index.php (triggering events).	MDL-49498
core_user	core_user_view_user_profile()		2.9	Simulates the web-interface view of user/view.php and user/profile.php (triggering events).	MDL-49499
core_webservice	core_webservice_get_site_info()	moodle_webservice_get_siteinfo()	2.1	Return some site info / user info / list web service functions	
enrol_guest	enrol_guest_get_instance_info		3.1	Return guest enrolment instance information.	
enrol_manual	enrol_manual_enrol_users()	moodle_enrol_manual_enrol_users()	2.0	Manual enrol users	
enrol_manual	enrol_manual_unenrol_users		3.0	Manual unenrol users	
enrol_self	enrol_self_enrol_user		3.0	Self enrol the current user in the given course.	MDL-51568
enrol_self	enrol_self_get_instance_info		3.0	self enrolment instance information.	
gradereport_user	gradereport_user_get_grades_table()		2.9	Get the user/s report grades table for a course	MDL-49036
gradereport_user	gradereport_user_view_grade_report()		2.9	Trigger the grade_report_viewed event when a user view his grade report (this web service will be initially used by the mobile app so information can be logged in the Moodle side when a user see the same page in the app).	MDL-49500
message_airnotifier	message_airnotifier_are_notification_preferences_configured		2.7	Check if the users have notification preferences configured yet	
message_airnotifier	message_airnotifier_is_system_configured		2.7	Check whether the airnotifier settings have been configured	
mod_assign	mod_assign_get_assignments()		2.4	Returns the courses and assignments for the users capability	MDL-31873
mod_assign	mod_assign_get_grades()		2.4	Returns grades from the assignment	MDL-31873
mod_assign	mod_assign_get_submission_status		3.1	Returns information about an assignment submission status for a given user.	
mod_assign	mod_assign_get_submissions		2.5	Returns the submissions for assignments	MDL-31682
mod_assign	mod_assign_get_user_flags		2.6	Returns the user_flags for assignments	MDL-40548
mod_assign	mod_assign_get_user_mappings		2.6	Returns the user_mappings for assignments	MDL-40548
mod_assign	mod_assign_list_participants		3.1	List the participants for a single assignment, with some summary info about their submissions.	

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
mod_assign	mod_assign_lock_submissions		2.6	Prevent students from making changes to a list of submissions	MDL-37148
mod_assign	mod_assign_reveal_identities		2.6	Reveal the identities for a blind marking assignment	MDL-37148
mod_assign	mod_assign_revert_submissions_to_draft		2.6	Reverts the list of submissions to draft status	MDL-37148
mod_assign	mod_assign_save_grade		2.6	Save a grade update for a single student.	MDL-37148
mod_assign	mod_assign_save_grades		2.7	Save grade updates for one or more students.	MDL-42425
mod_assign	mod_assign_save_submission		2.6	Update the current students submission	MDL-37148
mod_assign	mod_assign_save_user_extensions		2.6	Save a list of assignment extensions	MDL-37148
mod_assign	mod_assign_set_user_flags		2.6	Sets the specified user_flags for an assignment	MDL-41738
mod_assign	mod_assign_submit_for_grading		2.6	Submit the current students assignment for grading	MDL-37148
mod_assign	mod_assign_submit_grading_form		3.1	Submit the grading form data via ajax	
mod_assign	mod_assign_unlock_submissions		2.6	Allow students to make changes to a list of submissions	MDL-37148
mod_assign	mod_assign_view_grading_table		3.0	Trigger the grading_table_viewed event.	
mod_assign	mod_assign_view_submission_status		3.1	Trigger the submission status viewed event.	
mod_book	mod_book_get_books_by_courses		3.0	Returns a list of book instances in a provided set of courses.	MDL-50536
mod_book	mod_book_view_book		3.0	Trigger the course module viewed event and update the module completion status.	MDL-50013
mod_chat	mod_chat_get_chat_latest_messages		3.0	Get the latest messages from the given chat sessio.	MDL-50853
mod_chat	mod_chat_get_chat_users		3.0	Get the list of users in the given chat session.	MDL-50853
mod_chat	mod_chat_get_chats_by_courses		3.0	Returns a list of chat instances in a provided set of courses.	MDL-50537
mod_chat	mod_chat_login_user		3.0	Log a user into a chat room in the given chat.	MDL-50853
mod_chat	mod_chat_send_chat_message		3.0	Send a message on the given chat session.	MDL-50853
mod_chat	mod_chat_view_chat		3.0	Trigger the course module viewed event and update the module completion status.	MDL-50853
mod_choice	mod_choice_delete_choice_responses		3.0	Delete the given submitted responses in a choice.	MDL-50944
mod_choice	mod_choice_get_choice_options		3.0	Retrieve options for a specific choice.	MDL-50944

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
mod_choice	mod_choice_get_choice_results		3.0	Retrieve users results for a given choice.	MDL-50944
mod_choice	mod_choice_get_choices_by_courses		3.0	Returns a list of choice instances in a provided set of courses.	MDL-50132
mod_choice	mod_choice_submit_choice_response		3.0	Submit responses to a specific choice item.	MDL-50944
mod_choice	mod_choice_view_choice		3.0	Trigger the course module viewed event and update the module completion status..	MDL-50944
mod_data	mod_data_get_databases_by_courses()		2.9	Returns a list of database instances in a provided set of courses, if no courses are provided then all the database instances the user has access to will be returned.	MDL-49337
mod_folder	mod_folder_view_folder		3.0	Trigger the course module viewed event and update the module completion status.	MDL-50008
mod_forum	mod_forum_add_discussion		3.0	Add a new discussion into an existing forum.	MDL-50994
mod_forum	mod_forum_add_discussion_post		3.0	Create new posts into an existing discussion.	MDL-50995
mod_forum	mod_forum_can_add_discussion		3.1	Check if the current user can add discussions in the given forum (and optionally for the given group).	
mod_forum	mod_forum_get_forum_discussion_posts()		2.7	Returns a list of forum posts for a discussion.	MDL-30106
mod_forum	mod_forum_get_forum_discussions_paginated()		2.8	Returns a list of forum discussions optionally sorted and paginated.	MDL-46458
mod_forum	mod_forum_get_forums_by_courses		2.5	Returns a list of forum instances in a provided set of courses, if no courses are provided then all the forum instances the user has access to will be returned.	MDL-37247
mod_forum	mod_forum_view_forum()		2.9	Trigger the course_module_viewed event when a user view a forum (this web service will be initially used by the mobile app so information can be logged in the Moodle side when a user see the same page in the app).	MDL-49502
mod_forum	mod_forum_view_forum_discussion()		2.9	Trigger the discussion_viewed event when a user view a forum discussion (this web service will be initially used by the mobile app so information can be logged in the Moodle side when	MDL-49503

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
				a user see the same page in the app).	
mod_glossary	mod_glossary_get_authors		3.1	Get the authors in a glossary	MDL-50540
mod_glossary	mod_glossary_get_categories		3.1	Get a glossary's categories	MDL-50540
mod_glossary	mod_glossary_get_entries_by_author		3.1	Get entries using author filtering	MDL-50540
mod_glossary	mod_glossary_get_entries_by_author_id		3.1	Get entries using author ID filtering	MDL-50540
mod_glossary	mod_glossary_get_entries_by_category		3.1	Get entries using category filtering	MDL-50540
mod_glossary	mod_glossary_get_entries_by_date		3.1	Get entries using date filtering	MDL-50540
mod_glossary	mod_glossary_get_entries_by_letter		3.1	Get entries using letter filtering	MDL-50540
mod_glossary	mod_glossary_get_entries_by_search		3.1	Get entries matching a search query	MDL-50540
mod_glossary	mod_glossary_get_entries_by_term		3.1	Get entries using term filtering	MDL-50540
mod_glossary	mod_glossary_get_entries_to_approve		3.1	Get entries to be approved	MDL-50540
mod_glossary	mod_glossary_get_entry_by_id		3.1	Get an entry by ID	MDL-50540
mod_glossary	mod_glossary_get_glossaries_by_courses		3.1	Get the glossaries in courses	MDL-50540
mod_glossary	mod_glossary_view_entry		3.1	Notify that a glossary entry was viewed	MDL-50540
mod_glossary	mod_glossary_view_glossary		3.1	Notify that a glossary was viewed	MDL-50540
mod_imscp	mod_imscp_get_imsmps_by_courses		3.0	Returns a list of imscp instances in a provided set of courses.	MDL-50541
mod_imscp	mod_imscp_view_imscp		3.0	Trigger the course module viewed event and update the module completion status.	MDL-50015
mod_lti	mod_lti_create_tool_proxy		3.1	Create a tool proxy	
mod_lti	mod_lti_create_tool_type		3.1	Create a tool type	
mod_lti	mod_lti_delete_tool_proxy		3.1	Delete a tool proxy	
mod_lti	mod_lti_delete_tool_type		3.1	Delete a tool type	
mod_lti	mod_lti_get_ltis_by_courses		3.0	Returns a list of lti instances in a provided set of courses.	MDL-50543
mod_lti	mod_lti_get_tool_launch_data		3.0	Return the launch data for a given external tool.	MDL-51615
mod_lti	mod_lti_get_tool_proxy_registration_request		3.1	Get a registration request for a tool proxy	
mod_lti	mod_lti_get_tool_types		3.1	Get a list of the tool types	
mod_lti	mod_lti_is_cartridge		3.1	Determine if the given url is for a cartridge	
mod_lti	mod_lti_update_tool_type		3.1	Update a tool type	
mod_lti	mod_lti_view_lti		3.0	Trigger the course module viewed event and update the module completion status.	MDL-51624

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
mod_page	mod_page_view_page		3.0	Trigger the course module viewed event and update the module completion status.	MDL-49791
mod_quiz	mod_quiz_get_attempt_access_information		3.1	Return access information for a given attempt in a quiz.	
mod_quiz	mod_quiz_get_attempt_data		3.1	Returns information for the given attempt page for a quiz attempt in progress.	
mod_quiz	mod_quiz_get_attempt_review		3.1	Returns review information for the given finished attempt, can be used by users or teachers.	
mod_quiz	mod_quiz_get_attempt_summary		3.1	Returns a summary of a quiz attempt before it is submitted.	
mod_quiz	mod_quiz_get_combined_review_options		3.1	Combines the review options from a number of different quiz attempts.	
mod_quiz	mod_quiz_get_quiz_access_information		3.1	Return access information for a given quiz.	
mod_quiz	mod_quiz_get_quiz_feedback_for_grade		3.1	Get the feedback text that should be show to a student who got the given grade in the given quiz.	
mod_quiz	mod_quiz_get_quiz_required_qtypes		3.1	Return the potential question types that would be required for a given quiz.	
mod_quiz	mod_quiz_get_quizzes_by_courses		3.1	Returns a list of quizzes in a provided list of courses, if no list is provided all quizzes that the user can view will be returned.	
mod_quiz	mod_quiz_get_user_attempts		3.1	Return a list of attempts for the given quiz and user.	
mod_quiz	mod_quiz_get_user_best_grade		3.1	Get the best current grade for the given user on a quiz.	
mod_quiz	mod_quiz_process_attempt		3.1	Process responses during an attempt at a quiz and also deals with attempts finishing.	
mod_quiz	mod_quiz_save_attempt		3.1	Processes save requests during the quiz.This function is intended for the quiz auto-save feature.	
mod_quiz	mod_quiz_start_attempt		3.1	Starts a new attempt at a quiz.	
mod_quiz	mod_quiz_view_attempt		3.1	Trigger the attempt viewed event.	
mod_quiz	mod_quiz_view_attempt_review		3.1	Trigger the attempt reviewed event.	
mod_quiz	mod_quiz_view_attempt_summary		3.1	Trigger the attempt summary viewed event.	

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
mod_quiz	mod_quiz_view_quiz		3.1	Trigger the course module viewed event and update the module completion status.	
mod_resource	mod_resource_view_resource		3.0	Trigger the course module viewed event and update the module completion status.	MDL-49792
mod_scorm	mod_scorm_get_scorm_attempt_count		3.0	Return the number of attempts done by a user in the given SCORM.	MDL-51017
mod_scorm	mod_scorm_get_scorm_sco_tracks		3.0	Retrieves SCO tracking data for the given user id and attempt number.	MDL-50557
mod_scorm	mod_scorm_get_scorm_scoes		3.0	Returns a list containing all the scoes data related to the given scorm id.	MDL-50351
mod_scorm	mod_scorm_get_scorm_user_data		3.0	Retrieves user tracking and SCO data and default SCORM values.	MDL-50352
mod_scorm	mod_scorm_get_scorms_by_courses		3.0	Returns a list of scorm instances in a provided set of courses.	MDL-50349
mod_scorm	mod_scorm_insert_scorm_tracks		3.0	Saves a scorm tracking record.	MDL-50353
mod_scorm	mod_scorm_launch_sco		3.1	Trigger the SCO launched event.	
mod_scorm	mod_scorm_view_scorm		3.0	Trigger the course module viewed event and update the module completion status..	MDL-50427
mod_survey	mod_survey_get_questions		3.0	Get the complete list of questions for the survey, including subquestions.	
mod_survey	mod_survey_get_surveys_by_courses		3.0	Returns a list of survey instances in a provided set of courses, if no courses are provided then all the survey instances the user has access to will be returned.	
mod_survey	mod_survey_submit_answers		3.0	Submit the answers for a given survey.	
mod_survey	mod_survey_view_survey		3.0	Trigger the course module viewed event and update the module completion status.	
mod_url	mod_url_view_url		3.0	Trigger the course module viewed event and update the module completion status.	MDL-49793
mod_wiki	mod_wiki_edit_page		3.1	Save the contents of a page.	
mod_wiki	mod_wiki_get_page_contents		3.1	Returns the contents of a page.	
mod_wiki	mod_wiki_get_page_for_editing		3.1	Locks and retrieves info of page-section to be edited.	
mod_wiki	mod_wiki_get_subwiki_files		3.1	Returns the list of files for a specific subwiki.	

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
mod_wiki	mod_wiki_get_subwiki_pages		3.1	Returns the list of pages for a specific subwiki.	
mod_wiki	mod_wiki_get_subwikis		3.1	Returns the list of subwikis the user can see in a specific wiki.	
mod_wiki	mod_wiki_get_wikis_by_courses		3.1	Returns a list of wiki instances in a provided set of courses, if no courses are provided then all the wiki instances the user has access to will be returned.	
mod_wiki	mod_wiki_new_page		3.1	Create a new page in a subwiki.	
mod_wiki	mod_wiki_view_page		3.1	Trigger the page viewed event and update the module completion status.	
mod_wiki	mod_wiki_view_wiki		3.1	Trigger the course module viewed event and update the module completion status.	
report_competency	report_competency_data_for_report		3.1	Load the data for the competency report in a course.	
tool_lp	tool_lp_data_for_competencies_manage_page		3.1	Load the data for the competencies manage page template	
tool_lp	tool_lp_data_for_competency_frameworks_manage_page		3.1	Load the data for the competency frameworks manage page template	
tool_lp	tool_lp_data_for_competency_summary		3.1	Load competency data for summary template.	
tool_lp	tool_lp_data_for_course_competencies_page		3.1	Load the data for the course competencies page template.	
tool_lp	tool_lp_data_for_plan_page		3.1	Load the data for the plan page template.	
tool_lp	tool_lp_data_for_plans_page		3.1	Load the data for the plans page template	
tool_lp	tool_lp_data_for_related_competencies_section		3.1	Load the data for the related competencies template.	
tool_lp	tool_lp_data_for_template_competencies_page		3.1	Load the data for the template competencies page template.	
tool_lp	tool_lp_data_for_templates_manage_page		3.1	Load the data for the learning plan templates manage page template	
tool_lp	tool_lp_data_for_user_competency_summary		3.1	Load a summary of a user competency.	
tool_lp	tool_lp_data_for_user_competency_summary_in_course		3.1	Load a summary of a user competency.	
tool_lp	tool_lp_data_for_user_competency_summary_in_plan		3.1	Load a summary of a user competency.	
tool_lp	tool_lp_data_for_user_evidence_list_page		3.1	Load the data for the user evidence list page template	
tool_lp	tool_lp_data_for_user_evidence_page		3.1	Load the data for the user evidence page template	

Area	Moodle 2.2 name	Moodle 2.0/2.1 name	Introduced in	Description	Issue
tool_lp	tool_lp_list_courses_using_competency		3.1	List the courses using a competency	
tool_lp	tool_lp_search_cohorts		3.1	Search for cohorts.	
tool_lp	tool_lp_search_users		3.1	Search for users.	
tool_mobile	tool_mobile_get_plugins_supporting_mobile		3.1	Returns a list of Moodle plugins supporting the mobile app.	
tool_templatelibrary	tool_templatelibrary_list_templates		3.0	List/search templates by component.	
tool_templatelibrary	tool_templatelibrary_load_canonical_template		3.0	Load a canonical template by name (not the theme overridden one).	

This is the list of the integrated core functions. To see the roadmap, see to the tracker issue in the section bellow.

New Web Services entries are automatically generated for each new major version via this script: <https://github.com/moodlehq/moodlemobile-scripts/blob/master/ws-documenter.php>

API Roadmap

Tracker issue: MDL-29934

See also

- Web services API Changes
- How to contribute a web service function to core
- Web services developer documentation
- Web services user documentation

Retrieved from "https://docs.moodle.org/dev/index.php?title=Web_service_API_functions&oldid=50138"

Categories: Moodle 2.0 | Web Services | API

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