Capabilities

Has capabilitity	has_capability()
User is admin	is_admin()
Require Capability	require_capability()

Context Levels

System Context	CONTEXT_SYSTEM	10
User Context	CONTEXT_USER	30
Course Category Context	CONTEXT_COURSECAT	40
Module Context	CONTEXT_MODULE	70
Block Context	CONTEXT_BLOCK	80
Course Context	CONTEXT_COURSE	50

Access API

System Context	context_system::instance();
User Context	context_user::instance($user->id);
Category Context	context_coursecat::instance($category->id);
Course Context	context_course::instance($course->id);
Module Context	context_module::instance($cm->id);
Get context by ID	context::instance_by_id($contextid);

Enrolment API

Is user enrolled	is_enrolled(context $context, $user = null, $withcapability = '', $onlyactive = false)
Get all enrolled users	get_enrolled_sql(context $context, $withcapability = '', $groupid = 0, $onlyactive = false)
	count_enrolled_users(context $context, $withcapability = '', $groupid = 0)

Enrolment API (cont)

get_enrolled_users(context $context, $withcapability = '', $groupid = 0, $userfields = 'u.*', $orderby = '', $limitfrom = 0, $limitnum = 0)

Login API

Require to login	require_login()
Require login to course	require_course_login()
Get users by capability	get_users_by_capability()
Is guest user ?	isguestuser($user)
Is user logged in ?	isloggedin()
Is site admin	is_siteadmin()
Is guest (by context)	is_guest($context,$user=null)
Is viewing ?	is_viewing(context $context, $user = null, $withcapability = '')

Output API

Header	echo $output->header()
Footer	echo $output->footer
Heading title	echo $output->heading($pagetitle);



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