



# Enrolments

Enrolled users are users who fully participate in a course. It is important to remember that roles and enrolments are separate, although an enrolled user will have a role within the context of the course. It is possible to have access but not be enrolled.





# Enrolment API

- The Enrolment API defines both the `enrol_plugin` abstract class that all enrolment plugins extend and several general enrolment functions. It is defined in the ***`//lib/enrollib.php`*** file.
- Enrolment API' page [https://docs.moodle.org/dev/Enrolment\\_API](https://docs.moodle.org/dev/Enrolment_API).





# Enrolment API (cont)

## Plugin-Specific functions

- `enrol_get_plugins()` – returns all the enrolments plugins, optionally only enabled ones
- `enrol_get_plugin()` – returns an instance of a plugin's class, as opposed to instances of the enrolments methods as below
- `enrol_get_instances()` – returns the instances in a particular course. For some enrolment plugins it is possible to add multiple instances, especially in cases where each of the instances has a different setting
- `enrol_is_enabled()` – checks if a particular enrolment plugin is enabled





# Enrolment API (cont)

## User-Specific

- `enrol_get_my_courses()` – lists courses current user is enrolled in
- `enrol_get_users_courses()` – lists courses a particular user is enrolled in
- `is_enrolled()` – checks if the user is enrolled in the course
- `get_enrolled_users()`, `count_enrolled_users()`, and `enrol_get_course_users()` – gets user information for a course
- `get_enrolled_with_capabilities_join()`, `get_enrolled_sql()`, and `get_enrolled_join()` – returns SQL snippets to be used to extract enrolment data for developers

