

NAME

GitLab::API::v4::Mock::Engine – Mocking the internals of a GitLab server.

SYNOPSIS

```
use GitLab::API::v4::Mock::Engine;

my $engine = GitLab::API::v4::Mock::Engine->new();

my $user = $engine->create_user({
    email    => $email,
    username => $username,
    name     => $name,
    ...,
});

print "User created with ID: $user->{id}\n";
```

DESCRIPTION

This module provides the tooling to run a mock of the internal state of a GitLab server.

At this time very little is validated. For example, when you create a user with “create_user” there is no logic which double checks that you specify the required email field or that you don’t put in fields that are unexpected.

ATTRIBUTES**next_ids**

```
my $ids = $engine->next_ids();
```

A hash reference containing object types to the next ID.

Used by “next_id_for”.

users

```
my $users = $engine->users();
foreach my $user (@$users) { ... }
```

Returns the full array reference of all users hash references.

METHODS**next_id_for**

```
my $id = $engine->next_id_for( 'user' );
```

Given an object type this will return the next unused ID.

USER METHODS**user**

```
my $user = $engine->user( $id );
```

Returns a user hash reference for the given ID.

If no user is found with the ID then undef is returned.

create_user

```
my $user = $engine->create_user( $user );
my $id = $user->{id};
```

Takes a user hash reference, sets the id field, and stores it in “users”.

Returns the updated user hash reference.

update_user

```
my $user = $engine->update_user( $id, $new_user_data );
```

Takes the ID of the user to update and a hash reference of fields to update.

Returns the updated user hash reference.

delete_user

```
my $user = $engine->delete_user( $id );
```

Deletes the user with the specified ID from “users”.

If no user is found with the ID then `undef` is returned. Otherwise the user hash reference is returned.

SUPPORT

See “SUPPORT” in GitLab::API::v4.

AUTHORS

See “AUTHORS” in GitLab::API::v4.

COPYRIGHT AND LICENSE

See “COPYRIGHT AND LICENSE” in GitLab::API::v4.