

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.