

# Introduction

Doctrine ORM and DBAL configured from an array, and the repositories of Derafu over Doctrine entities. A proof of concept without a stable API

Anonymous · 26/10/2026

## Models and Entities



Since 2006, I participated in FLISoL. In 2014, I presented SowerPHP at UTEM (Santiago, Chile). Years before, I presented MiPaGiNa at the University of Chile. On that occasion, someone in the audience said to me “Oh, you built an ORM,” and I said, “What is that?” That day, during the presentation I was giving, I learned what an ORM was. This project compiles the ideas that have appeared in my mind over the years. Always with the goal of making everything “automagical.”

– Esteban De La Fuente Rubio

deraфу/orm does not implement an ORM: it uses Doctrine ORM and DBAL. It is a library, not a framework bundle, and its API is not stable yet.

## Installation

PHP 8.5 or later is required.

```
composer require derafu/orm
```

## Components

| Class                       | Purpose                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------|
| EntityManagerFactory        | Create an EntityManager from an array of options (EntityManagerFactoryInterface)             |
| ConnectionParametersFactory | Create the parameters of the connection, with its DSN (ConnectionParametersFactoryInterface) |

| Class                                            | Purpose                                                                                           |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------|
| DoctrineRepositoryFactory,<br>DoctrineRepository | Give the entities of Doctrine through the repository manager of <a href="#">derafu/repository</a> |
| DoctrineCliConfigurationFactory                  | Create what the CLI of Doctrine Migrations needs, from a DSN or an array                          |

## Guides

---

- [Entity manager](#): the dbal and orm options, with the types, the caches and the errors.
- [Repositories](#): one repository manager for the entities of Doctrine and the data sources of [derafu/repository](#).
- [Migrations](#): the configuration of the CLI of Doctrine Migrations, without a framework.
- [Symfony integration](#): wire the entity manager and the repository factory with Symfony DependencyInjection.

---

Last updated on 26/10/2026