

Content Repository configuration

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The **content repository** is where all your content is been stored. It is the heart of eZ Publish which you interact with using Public API.

To store data, the content repository **uses a storage engine**, that can virtually can work with any kind of storage (RDBMS, NoSQL...). eZ Publish 5 comes with a relational storage engine, compatible with v4.x: the **Legacy storage engine**, which is the default.

You can define several repositories within a single application. However, you can only use one per site.



Version compatibility

Following configuration examples are compatible with **eZ Publish 5.3 / 2014.03**

Configuration examples

Using default values

ezpublish.yml

```
ezpublish:
  repositories:
    # Defining repository with alias "main"
    # Default storage engine is used, with default connection
    # Equals to:
    # main: { engine: legacy, connection: <defaultConnectionName> }
    main: ~

  system:
    # All members of my_siteaccess_group will use "main" repository
    # No need to set "repository", it will take the first defined repository by
default
    my_siteaccess_group:
      # ...
```



If no repository is specified for a siteaccess or siteaccess group, the first defined repository (under `ezpublish.repositories`) will be used.

All explicit

ezpublish.yml

```
doctrine:
  dbal:
    default_connection: my_connection_name
    connections:
      my_connection_name:
        driver:   pdo_mysql
        host:     localhost
        port:     3306
        dbname:   my_database
        user:     my_user
        password: my_password
        charset:  UTF8

      another_connection_name:
        # ...

ezpublish:
  repositories:
    first_repository: { engine: legacy, connection: my_connection_name, config: {} }
  }
    second_repository: { engine: legacy, connection: another_connection_name,
config: {} }

  # ...

  system:
    my_first_siteaccess:
      repository: first_repository

    # ...

    my_second_siteaccess:
      repository: second_repository
```

Legacy storage engine

As of eZ Publish 5.3, legacy storage engine uses [Doctrine DBAL](#) (Database Abstraction Layer). Database settings are supplied by [DoctrineBundle](#). As such, you can refer to [DoctrineBundle's documentation](#).



ORM

Doctrine ORM is **not** provided by default. If you want to use it, you will need to add `doctrine/orm` as a dependency in your `composer.json`.