Content Repository configuration

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

```
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`.