

In this lecture, we will discuss...

- ✧ Integrate Sign-in and Authentication
- ✧ Doorkeeper integration
- ✧ Database configuration
- ✧ Demo

Integrating Authentication

✧ Integrate Sign-In and Authentication

- API Base Controller (Write actions)

```
module Api
  class BaseController < ApplicationController
    before_action :authenticate_user!, except: [:index, :show ]
    before_action :user_signed_in?, except: [:index, :show ]
  end
end
```

Verify Access

✧ DEMO (/api methods)

- Verify access is still **available** to non-writable methods
- Verify access is **denied** for writable methods

Demo

Doorkeeper

- ✧ Doorkeeper is an OAuth 2 provider for Rails
- ✧ It's built on top of Rails engines
- ✧ So far it supports all protocol flows

Doorkeeper: Gems

- ✧ `gem 'doorkeeper', '~> 3.1'`
- ✧ `gem "doorkeeper-mongoddb", github:
"doorkeeper-gem/doorkeeper-mongoddb"`
- ✧ `gem 'oauth2', '~> 1.0'`



Doorkeeper: Configuration

✧ Install Doorkeeper

- `rails g doorkeeper:install`

✧ Produces the following URI

- `config/routes.rb`
 - `use_doorkeeper`



Doorkeeper: Database Configuration

✧ Configure the ORM and prepare the database

```
#config/initializers/doorkeeper.rb
Doorkeeper.configure do
  # Change the ORM that doorkeeper will use (needs plugins)
  #orm :active_record
  orm :mongoid5
```

✧ Install indexes (Mongoid)

- `$ rake db:mongoid:create_indexes`



resource_owner_authenticator

- ✧ Update `resource_owner_authenticator` – to resolve User object based on what is stored in the session

```
resource_owner_authenticator do
  #fail "Please configure doorkeeper resource_owner_authenticator block located in #{__FILE__}"
  # Put your resource owner authentication logic here.
  # Example implementation:
  #   User.find_by_id(session[:user_id]) || redirect_to(new_user_session_url)
  user_key=session["warden.user.user.key"]
  user_id=user_key[0][0] if user_key
  User.where(:id=>user_id).first || redirect_to(new_user_session_url)
end
```



Demo

Summary

- ✧ Doorkeeper integration with Movie Service

What's Next?

- ✧ Registering Application with OAuth

