Nest Showcase Project

Documentation

Libraries and frameworks
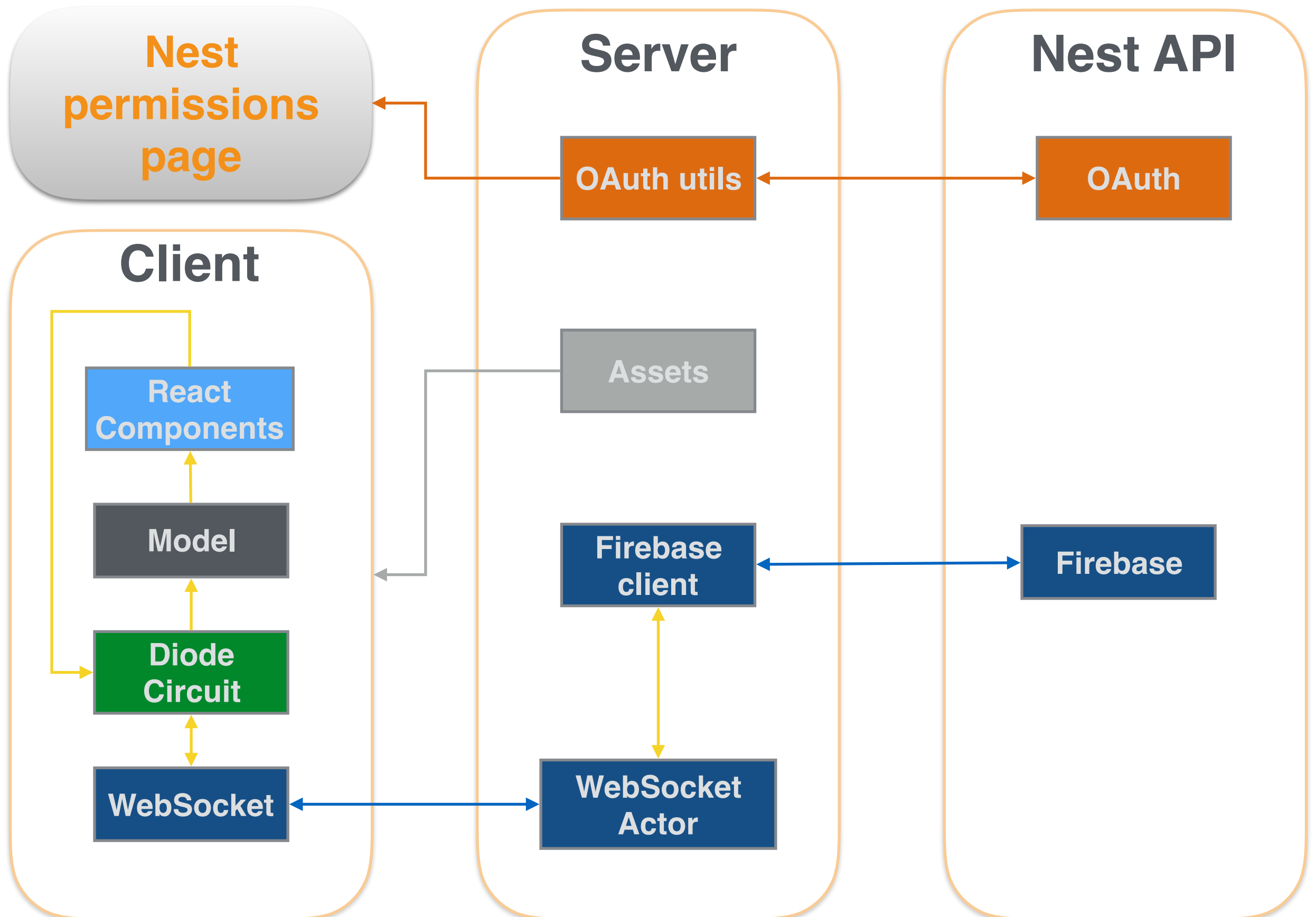
Client:

- Scala.js - Scala to JavaScript compiler

- scalajs-react - Facebook's React on Scala.js

- Diode - Scala library for managing immutable application model

- Bootstrap - predefined styles

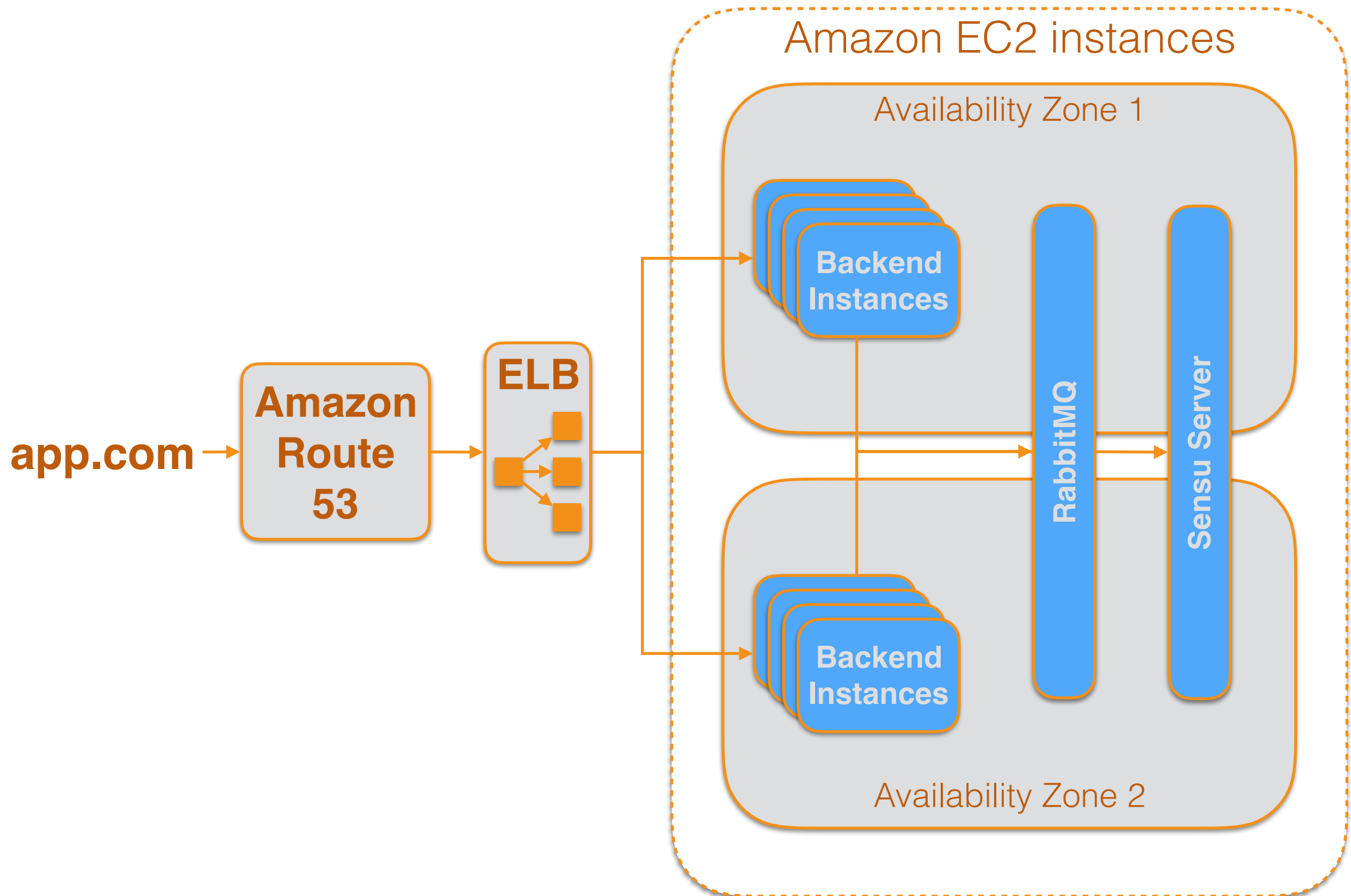- ScalaCSS - Type-safe CSS for Scala.JS

Server:

- Play Framework - Web Framework for Java and Scala

- Akka - Toolkit for building message-driven applications

Data Flow Diagram

Nest permissions page

Server

Nest API

OAuth utils

OAuth

Client

React Components

Assets

Model

Firebase client

Firebase

Diode Circuit

WebSocket

WebSocket Actor

AWS Infrastructure

Amazon EC2 instances

Availability Zone 1

Backend Instances

RabbitMQ

Sensu Server

app.com

Amazon Route 53

ELB

Backend Instances

Availability Zone 2

Backend Instance Services

- Application - JVM process

- Sensu Client - system monitoring

- Monit - automatic maintenance and repair