



<> **Code**

Issues

Pull requests

Actions

Projects

Wiki

Security



master ▾

TaxCalculatorWithAPI

/ README.md



tobias and **tobias** Implement tracking, register and login over api and basic test.

94b62ac · 3 months ago

89 lines (52 loc) · 3.22 KB

Preview

Code

Blame

Raw



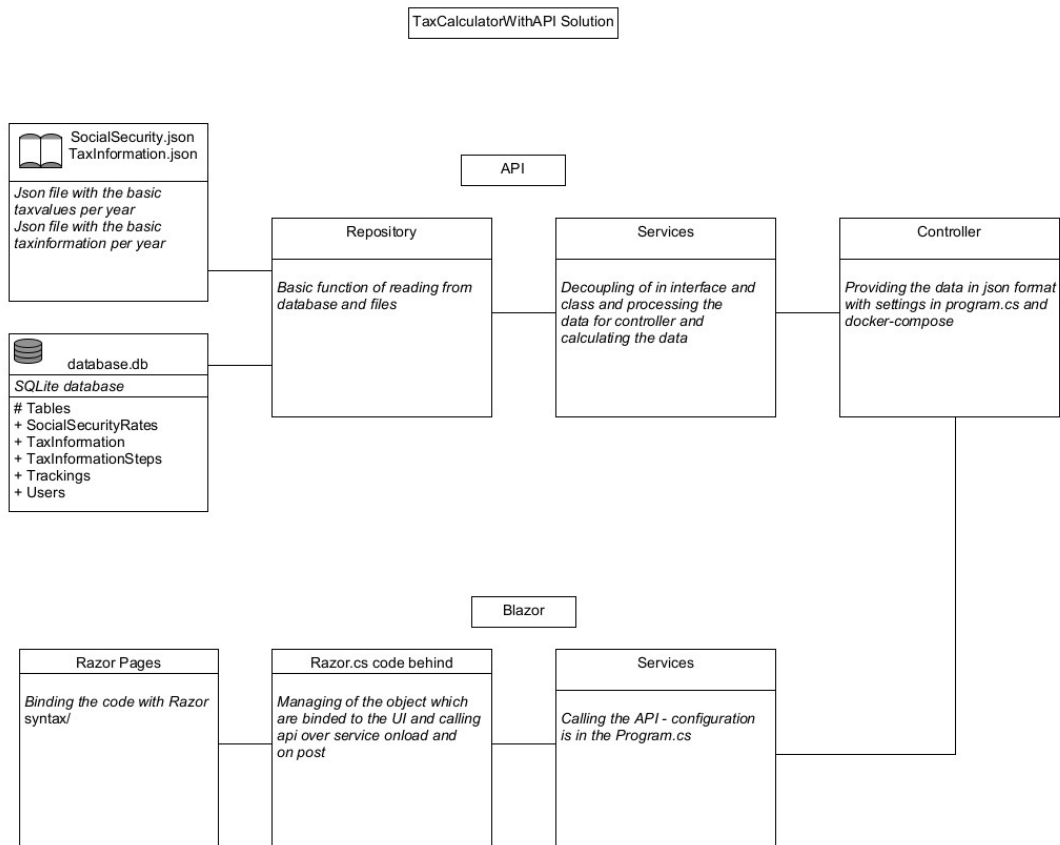
Tax Calculator With API - Installation Guide

1. Used features

Framework: BlazorServer, ASP.Net Core Web Api, Entity Framework, Identity Framework

Persistence: SQLite, JSON-File, JSON.net, Migration Extention

2. Architecture of the solution



3. Installation steps:

Manuel migration of database

- Command Nuget-Shell: `add-migration <name>`
- Comman Nuget-Shell `update database`

SSH-Connect from PS

- Command PS: `ssh-keygen -t rsa -b 4096 -C "Email@example.com"`
- Command Server: `cd .ssh`
- Command Server: `nano authorized_keys - add key.pub`
- Command PS: `Set-Service -Name ssh-agent -StartupType Manual`
- Command PS: `Start-Service ssh-agent`
- Command PS: `ssh-add mein_ssh_schluesse1`
- Command PS: `ssh user@ip`
- It will find the right connection automatically by the ssh-agent

Transfer

- **Command:** `scp TaxCalculatorWithAPI.zip <user>@<ip>:<Directory>`

Connect

- **Command:** `ssh <user>@<ip>`

Stop last version

- **Command:** `<user>@localhost:~/<dir>/TaxCalculatorWithAPI# docker-compose down`

Build

- **Command:** `<user>@localhost:~/<dir>/TaxCalculatorWithAPI# docker-compose build --no-cache`

Upload

- **Command:** `<user>@localhost:~/<dir>/TaxCalculatorWithAPI# docker-compose up -d`

Check Containers

- **Command:** `<user>@localhost:~/<dir>/TaxCalculatorWithAPI# docker ps`

Expected Output:

CONTAINER ID	IMAGE	COMMAND
CREATED	STATUS	PORTS
NAMES		
79df70368d67	taxcalculatorblazorserver	"dotnet TaxCalculator"
43 seconds ago	Up 41 seconds	0.0.0.0:80->80/tcp, :::80->80/tcp, 0.0.0.0:443->443/tcp, :::443->443/tcp
taxcalculatorwithapi_taxcalculatorblazorserver_1		
b0f82e6c6cf6	taxcalculatorapi	"dotnet TaxCalculator"
43 seconds ago	Up 41 seconds	
taxcalculatorwithapi_taxcalculatorapi_1		



Check Logs

- **Command:** `<user>@localhost:~/<dir>/TaxCalculatorWithAPI# docker logs 79df70368d67`

Access Container

- **Command:** `<user>@localhost:~/<dir>/TaxCalculatorWithAPI# docker exec -it b0f82e6c6cf6 bash`

List Networks

- **Command:** `<user>@localhost:~/<dir>/TaxCalculatorWithAPI# docker network ls`

Check Internal Network

- **Command:** `<user>@localhost:~/<dir>/TaxCalculatorWithAPI# docker network inspect taxnetwork`

Setup Docker-Compose for Docker Desktop

- Use 80:8080 binding for Docker Desktop and use comments to hide the ASPNETCORE ssl configuration - a specific # comment tag on the start of the line could be necessary to avoid utf-8 encoding error

Setup Dockerfile for Docker Desktop

- Expose port 80

Run on Docker Desktop

- Use playbutton on VS. If it has a browser connection error try the normal docker commands in powershell to run on Docker Desktop