

ToDoApp

API Document

- API document is in root folder this repository
-

using Features

- C#
- .NET Core
- Docker

Prerequisites

[Docker Visual Studio Code \(For run xUnit test\) .NET Core Test Explorer \(Plugin of visual studio code\)](#)

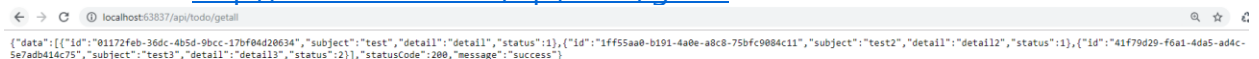
How to run API

1. install docker (choose linux os) 2.open command and cd path to folder path that have docker-compose.yml file

2. type "docker-compose up"

```
PS C:\Users\PAI\Desktop\Work\Git\ToDoApp\ToDoWebApp> docker-compose up
WARNING: The DOCKER_REGISTRY variable is not set. Defaulting to a blank string.
Recreating todowebapp_todowebapp_1... done
Attaching to todowebapp_todowebapp_1
todowebapp_1 | info: Microsoft.AspNetCore.DataProtection.KeyManagement.XmlKeyManager[0]
todowebapp_1 | User profile is available. Using '/root/.aspnet/DataProtection-Keys' as key repository; keys will
todowebapp_1 | not be encrypted at rest.
todowebapp_1 | info: Microsoft.AspNetCore.DataProtection.KeyManagement.XmlKeyManager[58]
todowebapp_1 | Creating key {75676d2f-3efe-40c2-b0c5-3b1475720788} with creation date 2019-01-04 10:11:04Z, activ
todowebapp_1 | ation date 2019-01-04 10:11:04Z, and expiration date 2019-04-04 10:11:04Z.
todowebapp_1 | warn: Microsoft.AspNetCore.DataProtection.KeyManagement.XmlKeyManager[35]
todowebapp_1 | No XML encryptor configured. Key {75676d2f-3efe-40c2-b0c5-3b1475720788} may be persisted to storag
todowebapp_1 | e in unencrypted form.
todowebapp_1 | info: Microsoft.AspNetCore.DataProtection.Repositories.FileSystemXmlRepository[39]
todowebapp_1 | Writing data to file '/root/.aspnet/DataProtection-Keys/key-75676d2f-3efe-40c2-b0c5-3b1475720788.xml'.
todowebapp_1 | Hosting environment: Development
todowebapp_1 | Content root path: /app
todowebapp_1 | Now listening on: http://[::]:80
todowebapp_1 | Application started. Press Ctrl+C to shut down.
```

3. after docker has running open browser and browse <http://localhost:63837/api/todo/getall>

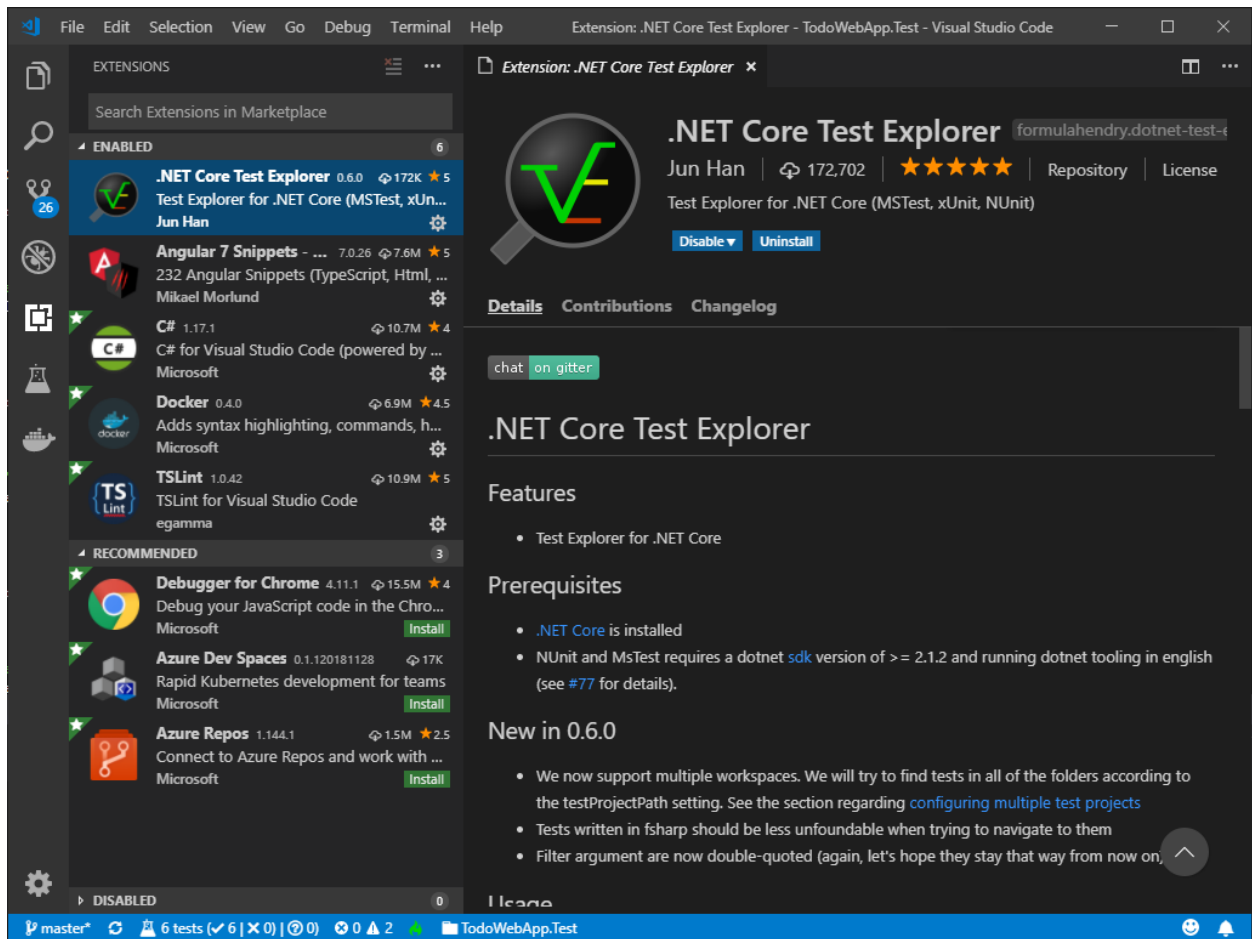


```
{
  "data": [
    {
      "id": "01172feb-36dc-4b5d-9bcc-17bf04d20634",
      "subject": "test",
      "detail": "detail",
      "status": 1
    },
    {
      "id": "1ff55aa0-b191-4a0e-a0c0-75bfc0004c11",
      "subject": "test2",
      "detail": "detail2",
      "status": 1
    },
    {
      "id": "41f79d29-f6a1-4da5-ada4-5e7adb414c75",
      "subject": "test3",
      "detail": "detail3",
      "status": 2
    }
  ],
  "statusCode": 200,
  "message": "success"
}
```

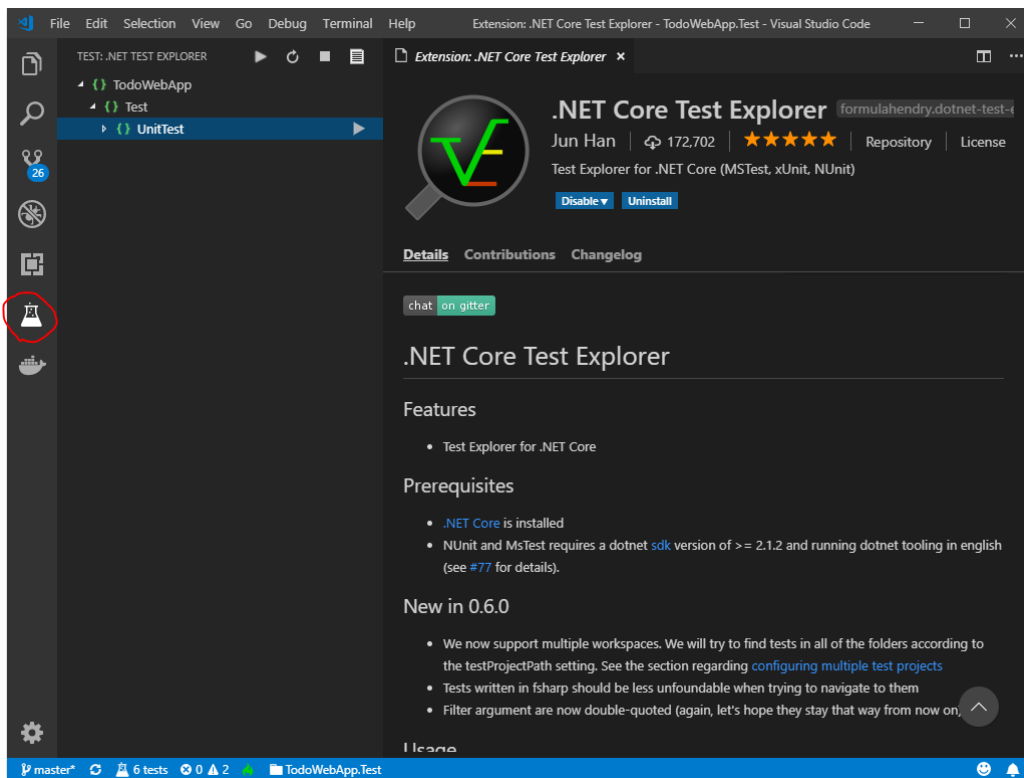
How to run xUnit test

1.install Visual Studio Code

2.install extension .NET Core Test Explorer



3.Open .NET Core Test Explorer plugin



[4. Browse folder "TodoWebApp.Test"](#)

[5. Test case will be show in windows](#)

[6. Click run to see the result](#)

