

05. Properties Environment



Asp.net Core .

- launchSetting.json : IDE , / .
- appsettings.json : .
- Dockerfile : (/) .

launchSetting.json

```
{
  "iisSettings": {
    "windowsAuthentication": false,
    "anonymousAuthentication": true,
    "iisExpress": {
      "applicationUrl": "http://localhost:61836",
      "sslPort": 0
    }
  },
  "$schema": "http://json.schemastore.org/launchsettings.json",
  "profiles": {
    "IIS Express": {
      "commandName": "IISExpress",
      "launchBrowser": true,
      "launchUrl": "api/values",
      "environmentVariables": {
        "ASPNETCORE_ENVIRONMENT": "Development"
      }
    },
    "accountapi": {
      "commandName": "Project",
      "launchBrowser": true,
      "launchUrl": "api/account/sysinfo/akka",
      "environmentVariables": {
        "ASPNETCORE_ENVIRONMENT": "Development"
      },
      "applicationUrl": "http://localhost:5000"
    },
    "Docker": {
      "commandName": "Docker",
      "launchBrowser": true,
      "launchUrl": "{Scheme}://localhost:{ServicePort}/api/values"
    }
  }
}
```

appsettings.json

```
{
  "Logging": {
    "LogLevel": {
      "Default": "Warning"
    }
  },
  "AllowedHosts": "*"
}
```

Dockerfile

```
FROM microsoft/dotnet:2.1-aspnetcore-runtime AS base
WORKDIR /app
EXPOSE 80

FROM microsoft/dotnet:2.1-sdk AS build
WORKDIR /src
COPY ["accountapi/accountapi.csproj", "accountapi/"]
RUN dotnet restore "accountapi/accountapi.csproj"
COPY . .
WORKDIR "/src/accountapi"
RUN dotnet build "accountapi.csproj" -c Release -o /app

FROM build AS publish
RUN dotnet publish "accountapi.csproj" -c Release -o /app

FROM base AS final
WORKDIR /app
COPY --from=publish /app .
ENTRYPOINT ["dotnet", "accountapi.dll"]
```

DB

(local) DB, DB

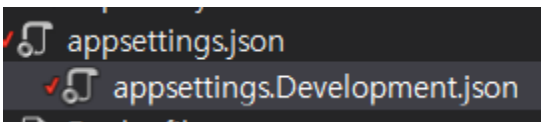
DB .

ASPNETCORE_ENVIRONMENT .

- appsettings.json -
- appsettings.{}.json

.

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VS IDE

```
{
  "Logging": {
    "LogLevel": {
      "Default": "Warning"
    }
  },
  "AllowedHosts": "*",
  "ConnectionStrings": {
    "db_account": "server=localhost;Port=3306;database=db_account;user=psmon;password=db1234"
  }
}
```

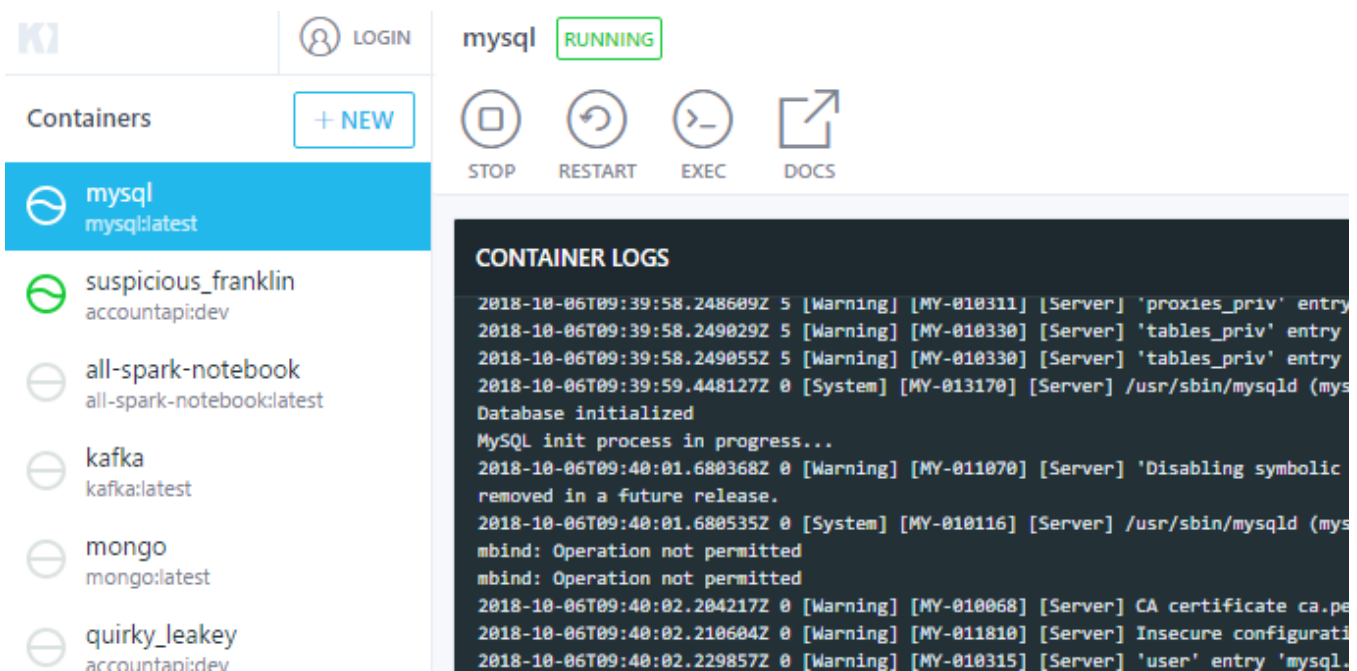
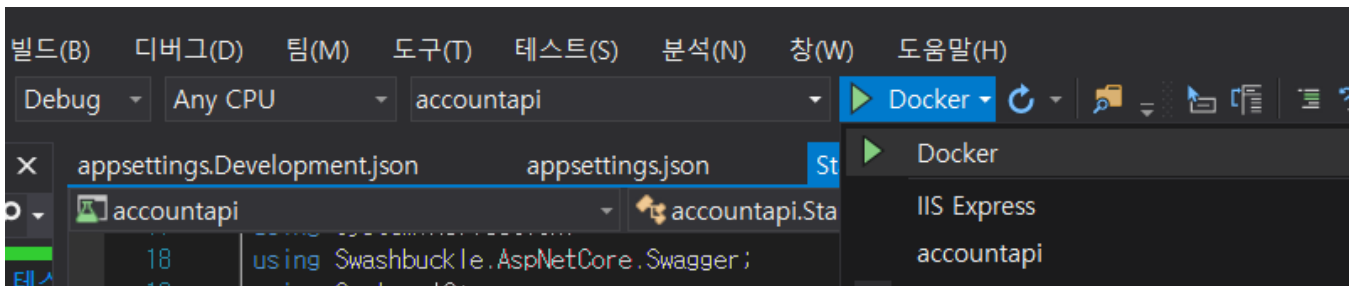
172.17.0.X IP

- - "db_account": "server=localhost;Port=3306;database=db_account;user=psmon;password=db1234"
- 2 - "db_account": "server=localhost;Port=32775;database=db_account;user=psmon;password=db1234"
- - "db_account": "server=172.17.0.3;Port=3306;database=db_account;user=psmon;password=db1234"

- Development :
- Staging :
- Product :

```
public Startup( IConfiguration configuration )
{
    Configuration = configuration;
    String dbstr = Configuration.GetConnectionString("db_account")
}
```

Configuration



() , DB

+ .

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- 2
- 1 + port open
- 2 mysql
- 1+2
-

VMware,VirtualBox VM .

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- 10 : <https://steemit.com/kr/@mystarlight/docker>
- : <https://docs.microsoft.com/ko-kr/aspnet/core/security/app-secrets?view=aspnetcore-2.1&tabs=linux>
- : <https://docs.microsoft.com/ko-kr/aspnet/core/fundamentals/environments?view=aspnetcore-2.1>
- db : <https://blog.hanumoka.net/2018/04/29/docker-20180429-docker-install-mysql/>