## 如果使用的oracle不要升级8.0

**升级方式：对每个类库包版本替换，打开下面对应的csproj文件**

1. **VOL.WebApi.csproj文件**

<TargetFramework>net6.0</TargetFramework>改为8.0

升级依赖包，对照包名称修改为vesrion版本号一致

<ItemGroup>

<PackageReference Include="Autofac" Version="8.0.0" />

<PackageReference Include="Autofac.Extensions.DependencyInjection" Version="8.0.0" />

<PackageReference Include="Microsoft.AspNetCore.Authentication.JwtBearer" Version="8.0.0" />

<PackageReference Include="Microsoft.AspNetCore.Mvc.NewtonsoftJson" Version="8.0.0" />

<PackageReference Include="Quartz" Version="3.4.0" />

<PackageReference Include="Swashbuckle.AspNetCore" Version="7.0.0" />

</ItemGroup>

1. **VOL.Sys.csproj文件**

<TargetFramework>net6.0</TargetFramework>改为8.0

升级依赖包，对照包名称修改为vesrion版本号一致

<ItemGroup>

<PackageReference Include="Autofac" Version="8.0.0" />

<PackageReference Include="AutoMapper" Version="6.2.2" />

<PackageReference Include="Microsoft.EntityFrameworkCore" Version="8.0.0" />

<PackageReference Include="Microsoft.EntityFrameworkCore.SqlServer" Version="8.0.0" />

<PackageReference Include="Pomelo.EntityFrameworkCore.MySql" Version="8.0.0" />

</ItemGroup>

1. **VOL.Entity.csproj文件**

<TargetFramework>net6.0</TargetFramework>改为8.0

升级依赖包，对照包名称修改为vesrion版本号一致

<ItemGroup>

<PackageReference Include="Autofac" Version="8.0.0" />

<PackageReference Include="Microsoft.EntityFrameworkCore" Version="8.0.0" />

<PackageReference Include="Microsoft.EntityFrameworkCore.SqlServer" Version="8.0.0" />

<PackageReference Include="Newtonsoft.Json" Version="13.0.3" />

</ItemGroup>

1. **VOL.Core.csproj文件**

<TargetFramework>net6.0</TargetFramework>改为8.0

升级依赖包，对照包名称修改为vesrion版本号一致

<ItemGroup>

<PackageReference Include="Autofac" Version="8.0.0" />

<PackageReference Include="Autofac.Extensions.DependencyInjection" Version="8.0.0" />

<PackageReference Include="AutoMapper" Version="6.2.2" />

<PackageReference Include="CSRedisCore" Version="3.8.803" />

<PackageReference Include="Dapper" Version="2.1.35" />

<PackageReference Include="EntityFrameworkCore.UseRowNumberForPaging" Version="0.5.0" />

<PackageReference Include="EPPlus.Core" Version="1.5.4" />

<PackageReference Include="Microsoft.AspNetCore.Mvc.Formatters.Json" Version="2.2.0" />

<PackageReference Include="Microsoft.AspNetCore.Mvc.NewtonsoftJson" Version="3.1.0" />

<PackageReference Include="Microsoft.EntityFrameworkCore.Proxies" Version="2.1.4" />

<PackageReference Include="Microsoft.EntityFrameworkCore.Relational" Version="8.0.0" />

<PackageReference Include="Microsoft.EntityFrameworkCore.SqlServer" Version="8.0.0" />

<PackageReference Include="Microsoft.Extensions.Caching.Redis.Core" Version="1.0.3" />

<PackageReference Include="Microsoft.Extensions.DependencyModel" Version="3.1.0" />

<PackageReference Include="Npgsql" Version="8.0.7" />

<PackageReference Include="Npgsql.EntityFrameworkCore.PostgreSQL" Version="8.0.0" />

<PackageReference Include="Oracle.EntityFrameworkCore" Version="8.21.121" />

<!--<PackageReference Include="MySql.Data" Version="8.0.13" />-->

<PackageReference Include="Pomelo.EntityFrameworkCore.MySql" Version="8.0.0" />

<PackageReference Include="Quartz" Version="3.4.0" />

<PackageReference Include="SkiaSharp.NativeAssets.Linux.NoDependencies" Version="2.88.7" />

<PackageReference Include="System.IdentityModel.Tokens.Jwt" Version="6.35.0" />

<PackageReference Include="Yitter.IdGenerator" Version="1.0.14" />

<PackageReference Include="ZKWeb.System.Drawing" Version="4.0.1" />

</ItemGroup>

1. **VOL.Builder.csproj文件**

<TargetFramework>net6.0</TargetFramework>改为8.0

升级依赖包，对照包名称修改为vesrion版本号一致

<ItemGroup>

<PackageReference Include="Autofac" Version="8.0.0" />

<PackageReference Include="AutoMapper" Version="8.0.0" />

<PackageReference Include="Microsoft.EntityFrameworkCore" Version="8.0.0" />

<PackageReference Include="Microsoft.EntityFrameworkCore.SqlServer" Version="8.0.0" />

</ItemGroup>

**其他文件升级**

1. 使用Sqlserver数据库的：需要将appsettings.json数据库连接字符串里面加上配置Encrypt=True;TrustServerCertificate=True;
2. DBServerProvider.cs文件将return new SqlConnection(connString);改为return new Microsoft.Data.SqlClient.SqlConnection(connString);
3. VOLContext.cs替换OnConfiguring整个方法的代码

protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)

{

if (optionsBuilder.IsConfigured)

{

return;

}

string connectionString = DBServerProvider.GetConnectionString(null);

if (Const.DBType.Name == Enums.DbCurrentType.MySql.ToString())

{

optionsBuilder.UseMySql(connectionString, new MySqlServerVersion(new Version(8, 0, 11)));

}

else if (Const.DBType.Name == Enums.DbCurrentType.PgSql.ToString())

{

optionsBuilder.UseNpgsql(connectionString);

}

else if (Const.DBType.Name == Enums.DbCurrentType.DM.ToString())

{

//optionsBuilder.UseDm(connectionString);

}

else if (Const.DBType.Name == Enums.DbCurrentType.Oracle.ToString())

{ optionsBuilder.UseOracle(connectionString,x=>x.UseOracleSQLCompatibility(OracleSQLCompatibility.DatabaseVersion19));

// optionsBuilder.UseOracle(connectionString, b => b.UseOracleSQLCompatibility("11"));

}

else

{

if (AppSetting.GetSettingString("UseSqlserver2008") =="1")

{

optionsBuilder.UseSqlServer(connectionString, x => x.UseRowNumberForPaging());

}

optionsBuilder.UseSqlServer(connectionString, o => o.UseCompatibilityLevel(120));

}

//默认禁用实体跟踪

optionsBuilder = optionsBuilder.UseQueryTrackingBehavior(QueryTrackingBehavior.NoTracking);

// optionsBuilder.AddInterceptors(new SqlCommandInterceptor());

base.OnConfiguring(optionsBuilder);

}

1. 其他自定义类库升级方式同上

其他自定义类库升级,将类库改为8.0,引用其他包也同时升级版本

1. 升级后，服务器上部署同时需要安装8.0hosting

https://dotnet.microsoft.com/zh-cn/download/dotnet/thank-you/runtime-aspnetcore-8.0.14-windows-hosting-bundle-installer