模版说明

## Nuget包说明

### NLog

网站：http://nlog-project.org/

NLog配置：https://github.com/NLog/NLog/wiki/Configuration-file

数据库日志配置：<https://github.com/nlog/nlog/wiki/Database-Target>

带数据的配置文件如下：

<?xml version="1.0" encoding="utf-8" ?>

<nlog xmlns="http://www.nlog-project.org/schemas/NLog.xsd"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

autoReload="true"

internalLogLevel="Trace"

internalLogFile="c:\temp\internal-nlog.txt">

<!--  ASP.NET Core 使用 -->

<extensions>

    <add assembly="NLog.Web.AspNetCore"/>

</extensions>

<targets>

<!-- 全部日志文件 -->

<target xsi:type="File"

name="allfile"

fileName="c:\temp\nlog-all-${shortdate}.log"

layout="${longdate}|${event-properties:item=EventId.Id}|${logger}|${uppercase:${level}}|${message} ${exception}"/>

<!-- 自定义记录的日志文件 -->

<target xsi:type="File"

name="ownFile"

fileName="c:\temp\nlog-own-${shortdate}.log"

layout="${longdate}|${event-properties:item=EventId.Id}|${logger}|${uppercase:${level}}|  ${message} ${exception}|url: ${aspnet-request-url}|action: ${aspnet-mvc-action}"/>

<target xsi:type="Null" name="blackhole"/>

<!-- 数据库插入日志记录 -->

<target xsi:type="Database"

name="db"

dbProvider="mssql"

commandText="Insert into NLog\_Record(time\_stamp, level, host, url, type, source, logger, message, stacktrace, detail) Values(@time\_stamp, @level, @host, @url, @type, @source, @logger, @message, @stacktrace, @detail);"

connectionString="server=192.168.1.126;Database=his\_tangshan;User ID=sa;Password=qwe123;">

<!--<parameter name="@time\_stamp" layout="${longdate}" />-->

<parameter name="@time\_stamp" layout="${date:format=yyyy\-MM\-dd HH\:mm\:ss.fff} " />

<parameter name="@level" layout="${level}" />

<parameter name="@host" layout="${machinename}" />

<parameter name="@url" layout="${aspnet-request:serverVariable=url}" />

<parameter name="@type" layout="${exception:format=type}" />

<parameter name="@source" layout="${callsite:className=true}" />

<parameter name="@logger" layout="${logger}" />

<parameter name="@message" layout="${message}" />

<parameter name="@stacktrace" layout="${exception:stacktrace}" />

<parameter name="@detail" layout="${exception:format=tostring}" />

</target>

</targets>

<rules>

<!--所括asp.net core下的全部日志-->

<logger name="\*" minlevel="Trace" writeTo="allfile,db"/>

<!--仅自定义记录的日志文件-->

<logger name="Microsoft.\*" minlevel="Trace" writeTo="blackhole" final="true"/>

<logger name="\*" minlevel="Trace" writeTo="ownFile"/>

</rules>

</nlog>

### Entity Framework Core

安装Nuget包

Install-Package Microsoft.EntityFrameworkCore.SqlServer

Install-Package Microsoft.EntityFrameworkCore.Tools

Install-Package Microsoft.VisualStudio.Web.CodeGeneration.Design

从数据库生成实体

Scaffold-DbContext “Server=.;Database= TestManageDB;Trusted\_Connection=True;” Microsoft.EntityFrameworkCore.SqlServer -OutputDir Models/DataModels

从实体生成数据库

Add-Migration MyFirstMigration

Update-Database