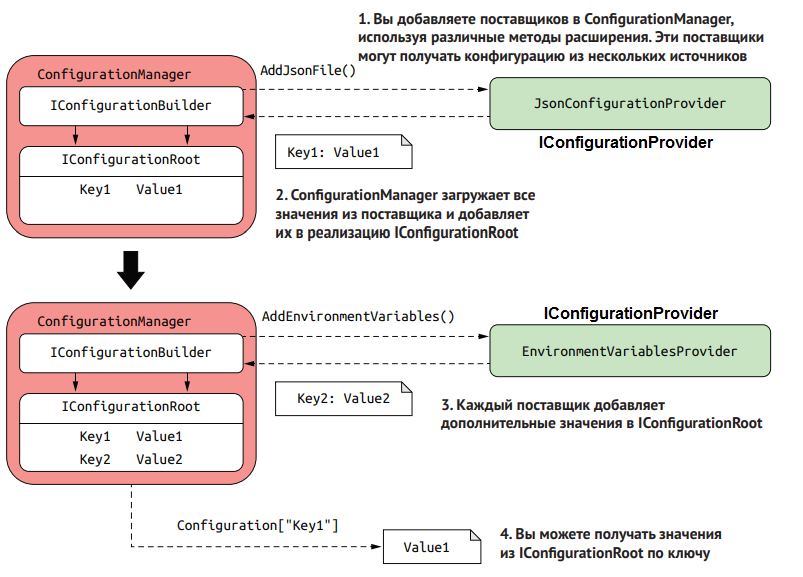
ASP.NET CORE

Лекция 09

**ASP.NET CORE Configuration**

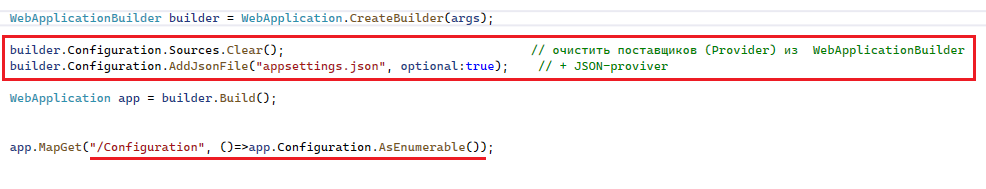
1. **CONF:** конфигурация приложения – структурированные внешние (не в коде) параметры приложения; конфигурирование приложения = структурирование параметров приложения, хранение (размещение) параметров, извлечение приложением.
2. **CONF:** источник: объект: JSON-файл, XML-файл, переменные окружения, аргументы командной строки, INI-файл; форма: ключ/значение.
3. **CONF:** интерфейсы в ASP.NET CORE: ***IConfigurationBuilder*, *IConfigurationRoot:IConfiguration*, *IConfigurationProvider*, *ConfigurationManager***

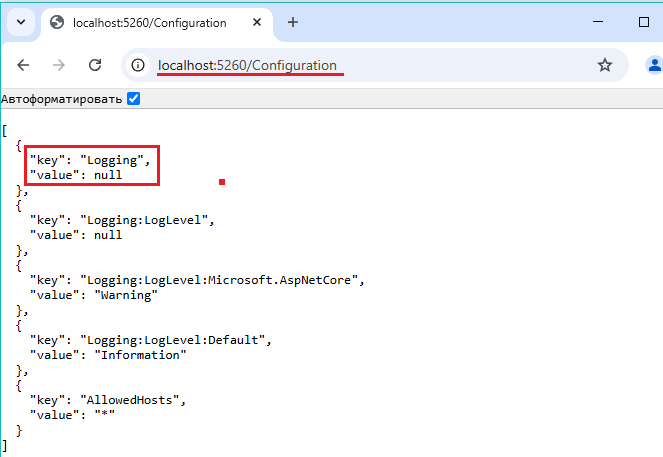
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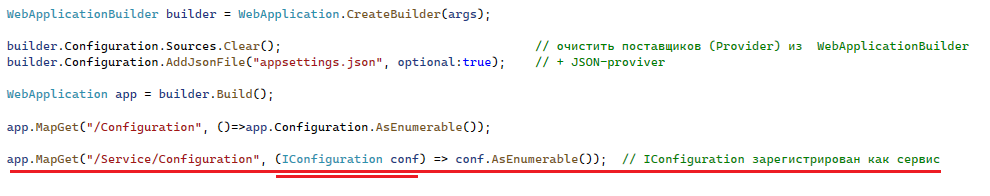
1. **CONF: *appsetting.json***

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1. **CONF: *WebApplicationBuilder.Configuration (IConfiguration)***

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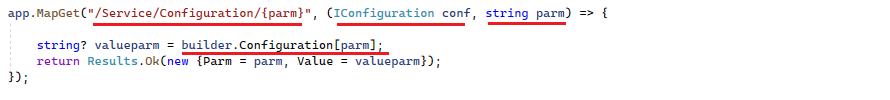
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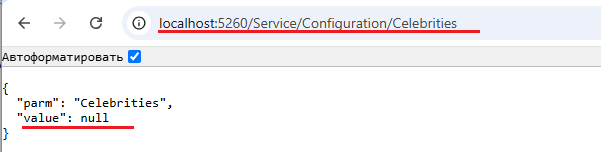
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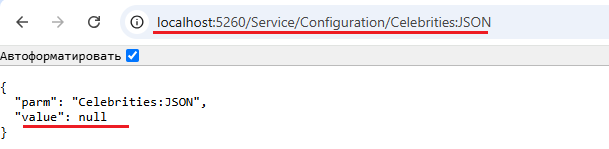
1. **CONF:** ***builder.Configuration[]***, ***IConfiguration[]***

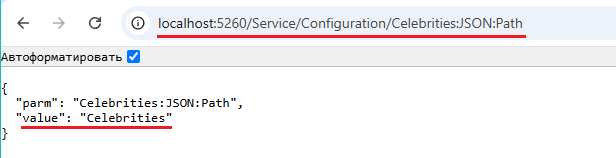
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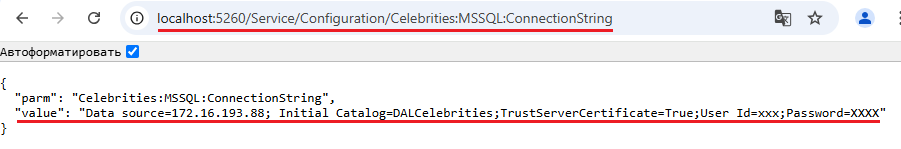
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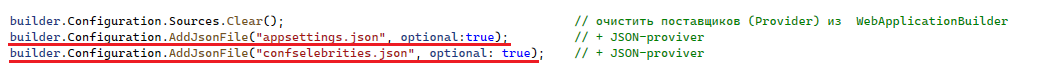
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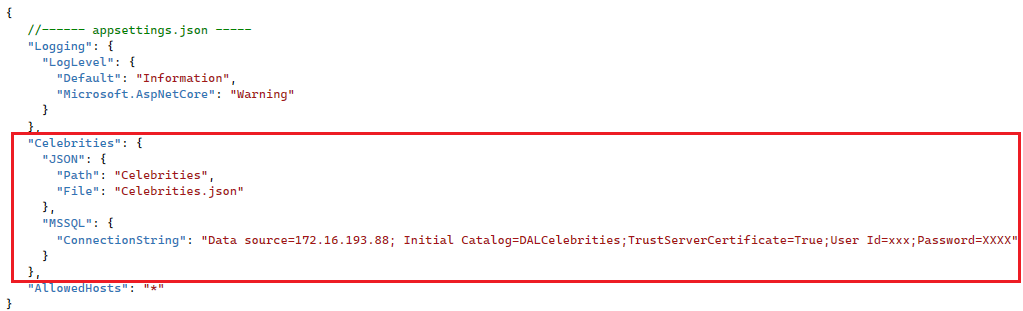
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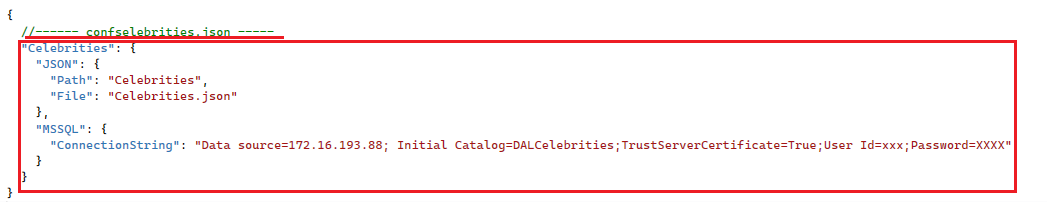
****

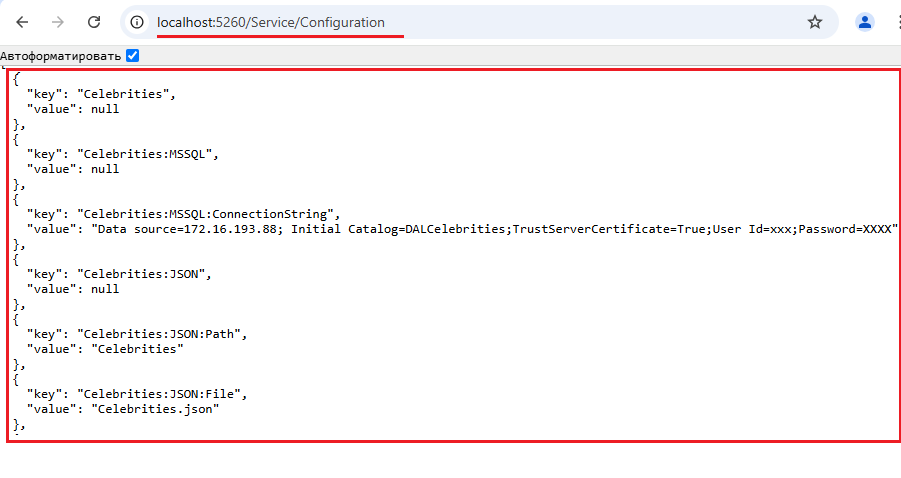
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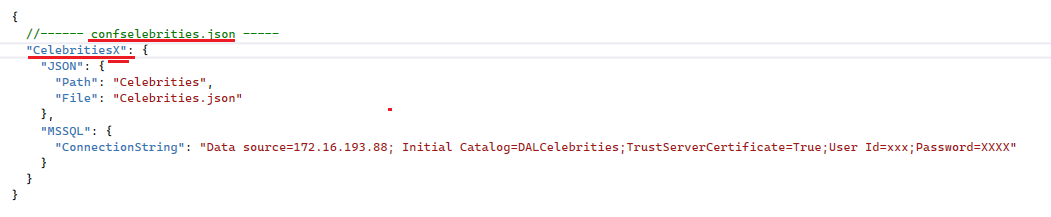
1. **CONF:** 2 JSON-файла

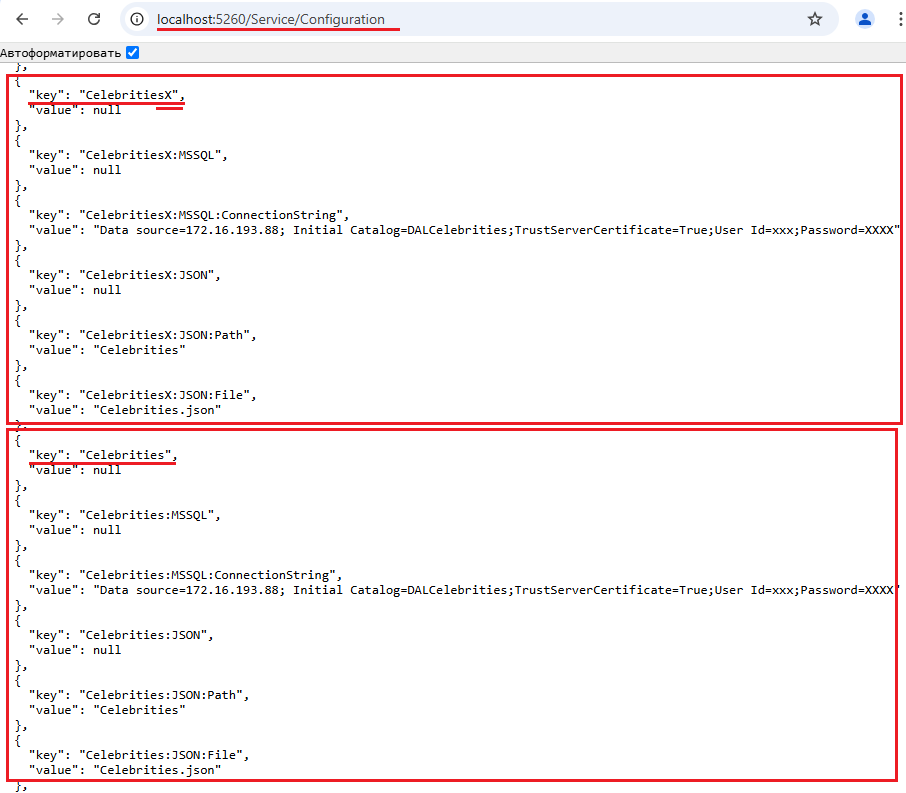
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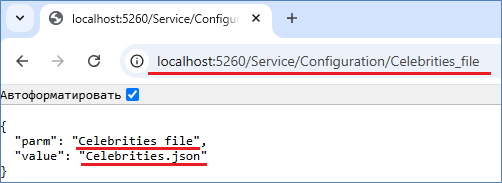
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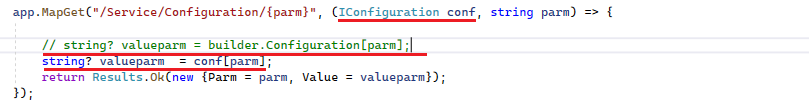
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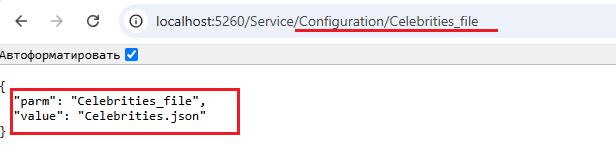
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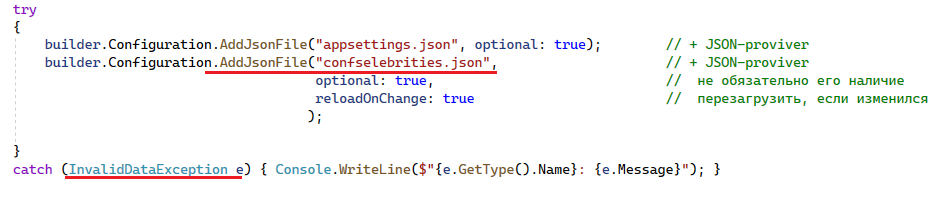
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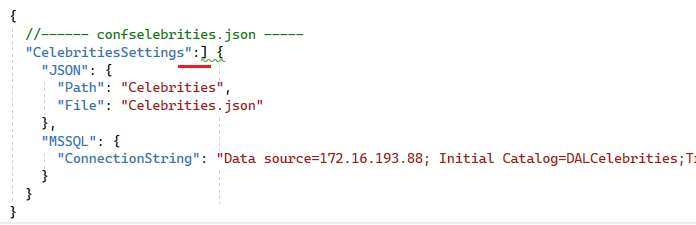
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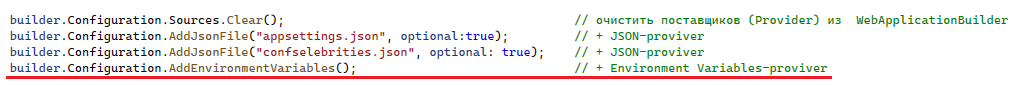
1. **CONF: *InvalidDataException***

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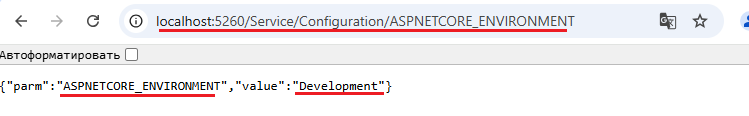
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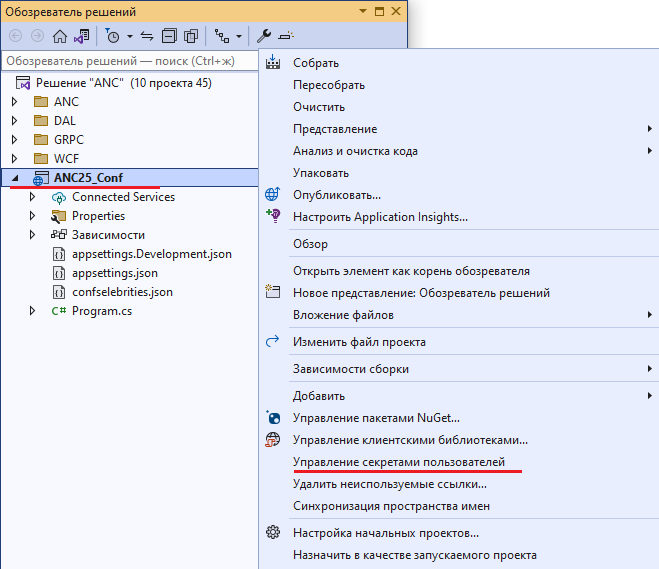
1. **CONF:** Environment Variables

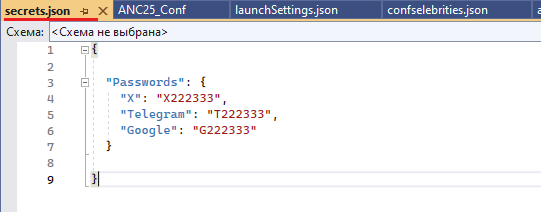
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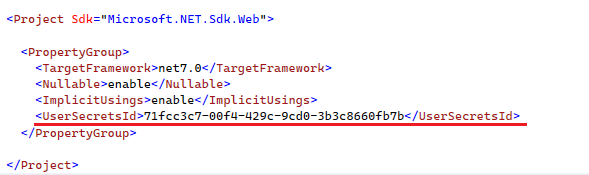
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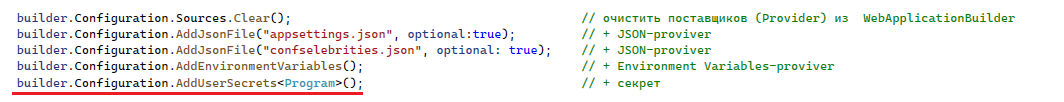
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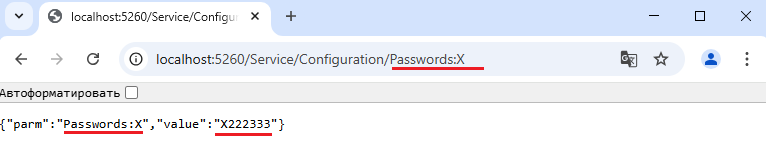
1. **CONF: *secret.json*** ***<UserSecretsId />***

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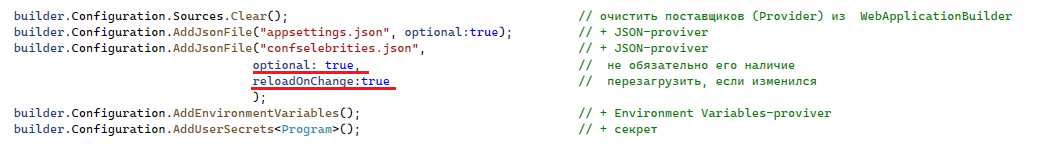
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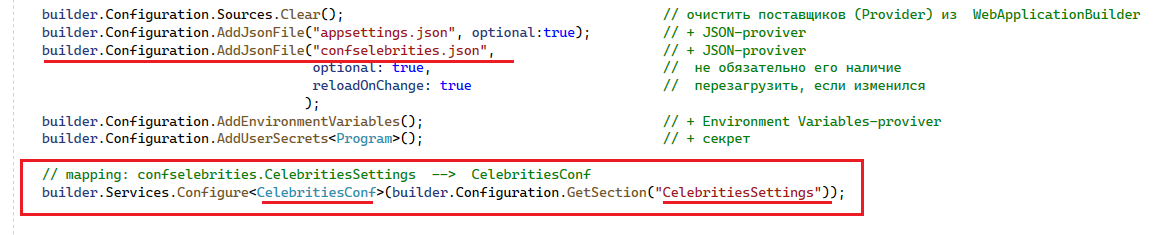
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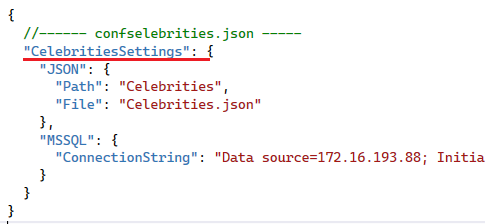
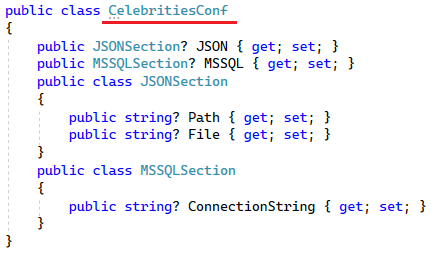
****

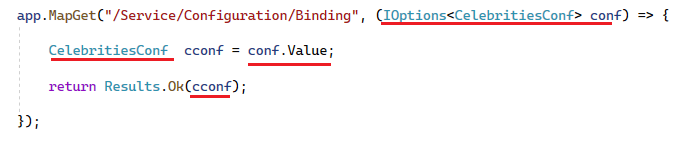
1. **CONF:** optional, reloadOnChange

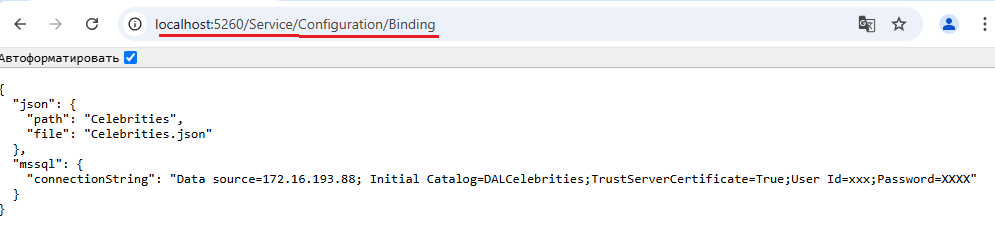
****

1. **CONF: *IOptions* (*singleton)***,configuration binding (mapping), ***reloadOnChange = true*** – не влияет на загруженную в объект конфигурацию

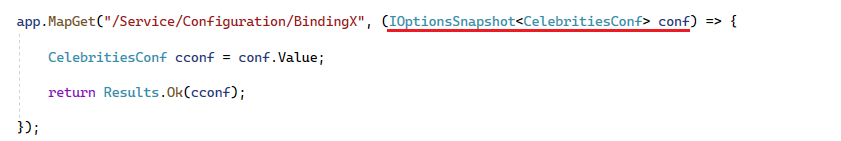
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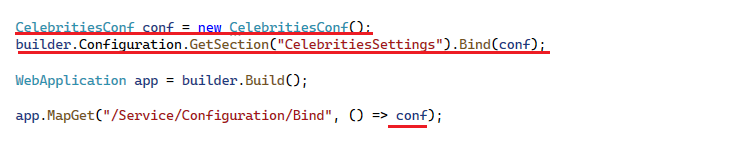
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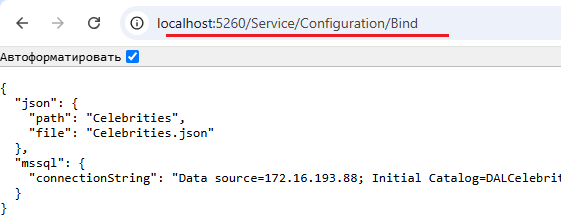
****

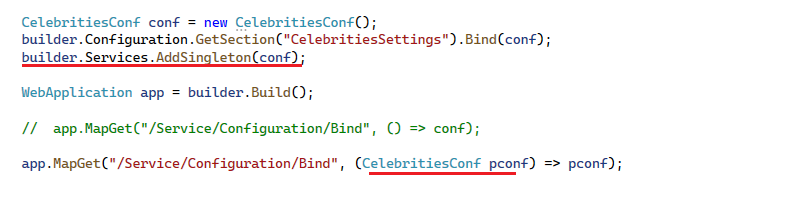
1. **CONF: *IOptionsSnapshot<T>, scoped, reloadOnChange = true*** обновление при каждом запросе.

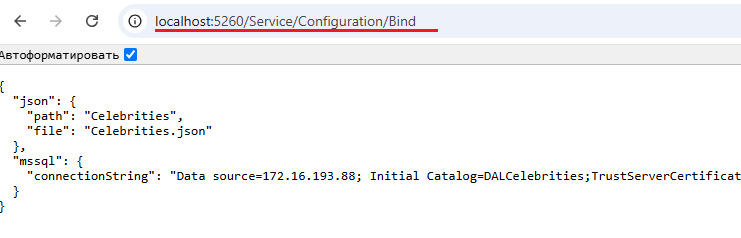
****

1. **CONF:** связывание **без** интерфейсов ***IOptions***

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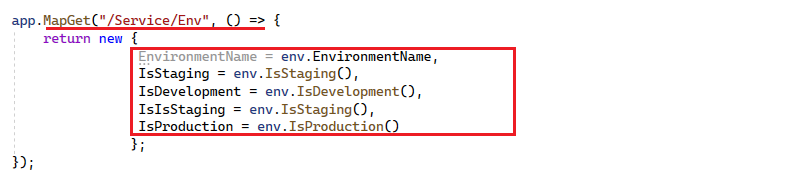
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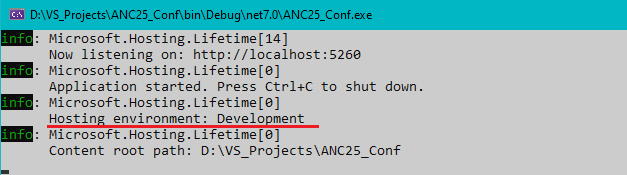
1. **CONF: *IHostEnvironment, ASPNETCORE\_ENVIRONMENT***

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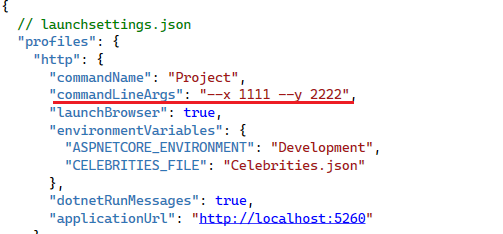
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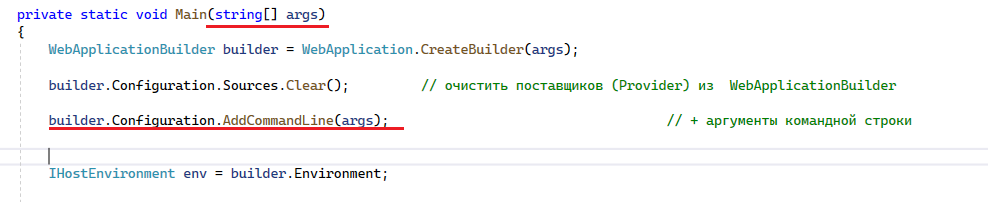
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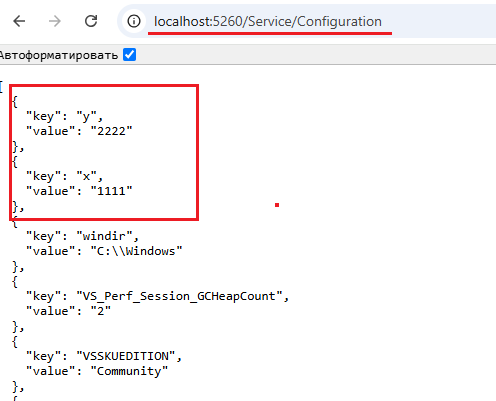
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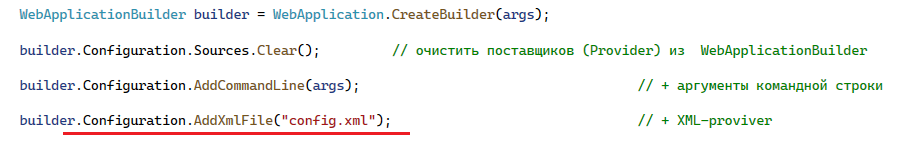
1. **CONF:** аргументы командной строки

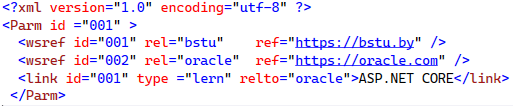
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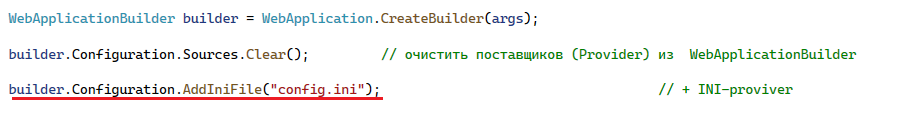
1. **CONF: XML-файл**

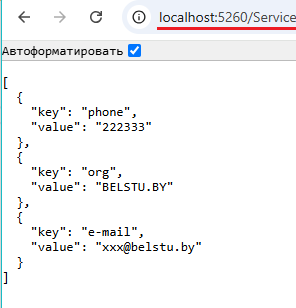
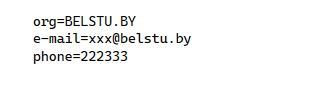
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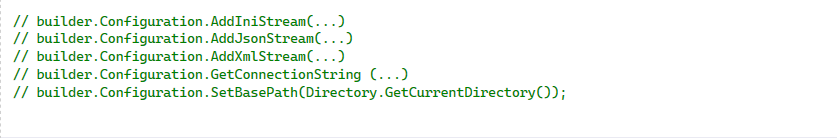
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1. **CONF: INI-файл**

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1. **CONF:**

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1. **КОНЕЦ**