

DATABASES TEAM WORK

TEAM PIT FIEND

THE TEAM



ГЕОРГИ СЕРЕВ



ГЕОРГИ ЯРЪМОВ



ДИМИТЪР КОСТОВ



КРИСТИЯН ПЕТРОВ

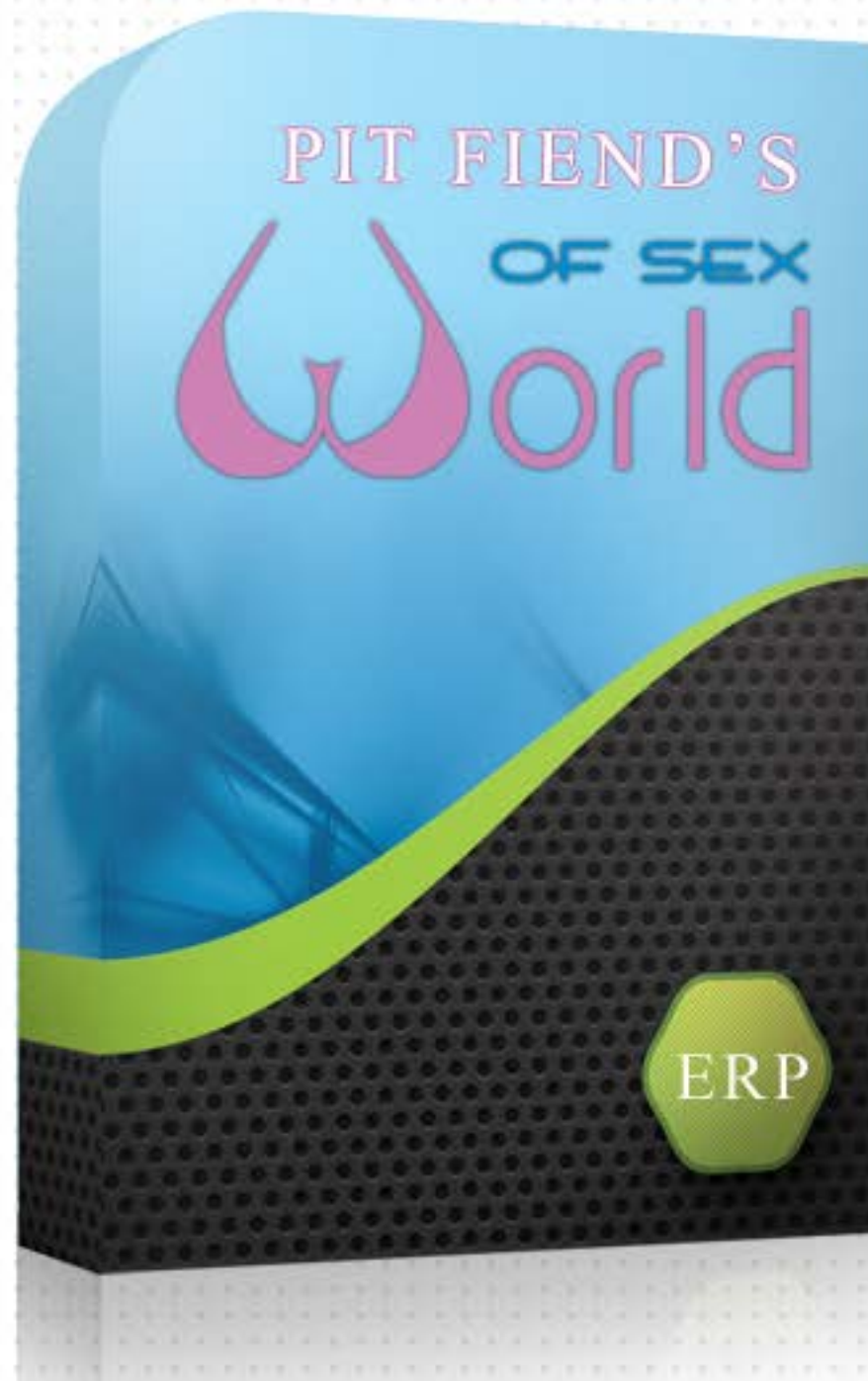


МАРТИН ДЖОНОВ



SEX TOYS MANUFACTURER

ENTERPRISE RESOURCE PLANNING



SQL Server

MySQL

MongoDB

SQLite

XML

Excel

JSON

PDF

18

SQL SERVER CODE FIRST

```
namespace SexStore.Models
{
    using System.Collections.Generic;
    using System.ComponentModel.DataAnnotations;

    16 references
    public class Shop
    {
        private ICollection<Product> products;
        private ICollection<Sale> sales;

        5 references
        public Shop()
        {
            this.products = new HashSet<Product>();
            this.sales = new HashSet<Sale>();
        }

        [Key]
        4 references
        public int ID { get; set; }

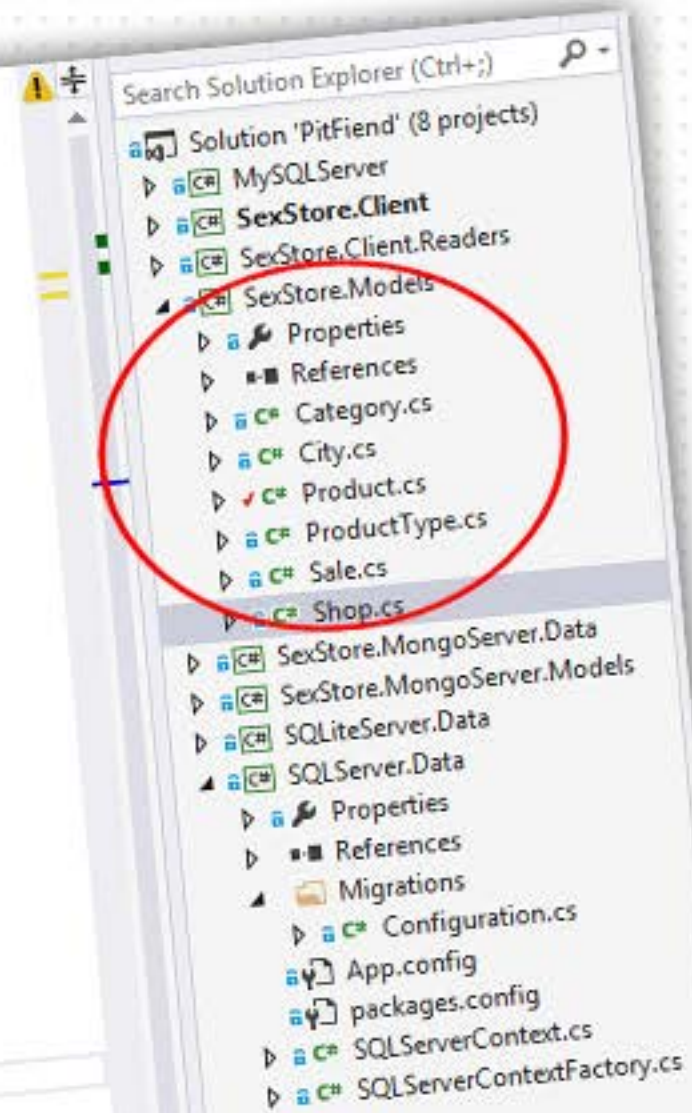
        11 references
        public string Name { get; set; }

        5 references
        public string Address { get; set; }

        5 references
        public virtual ICollection<Product> Products { get; set; }

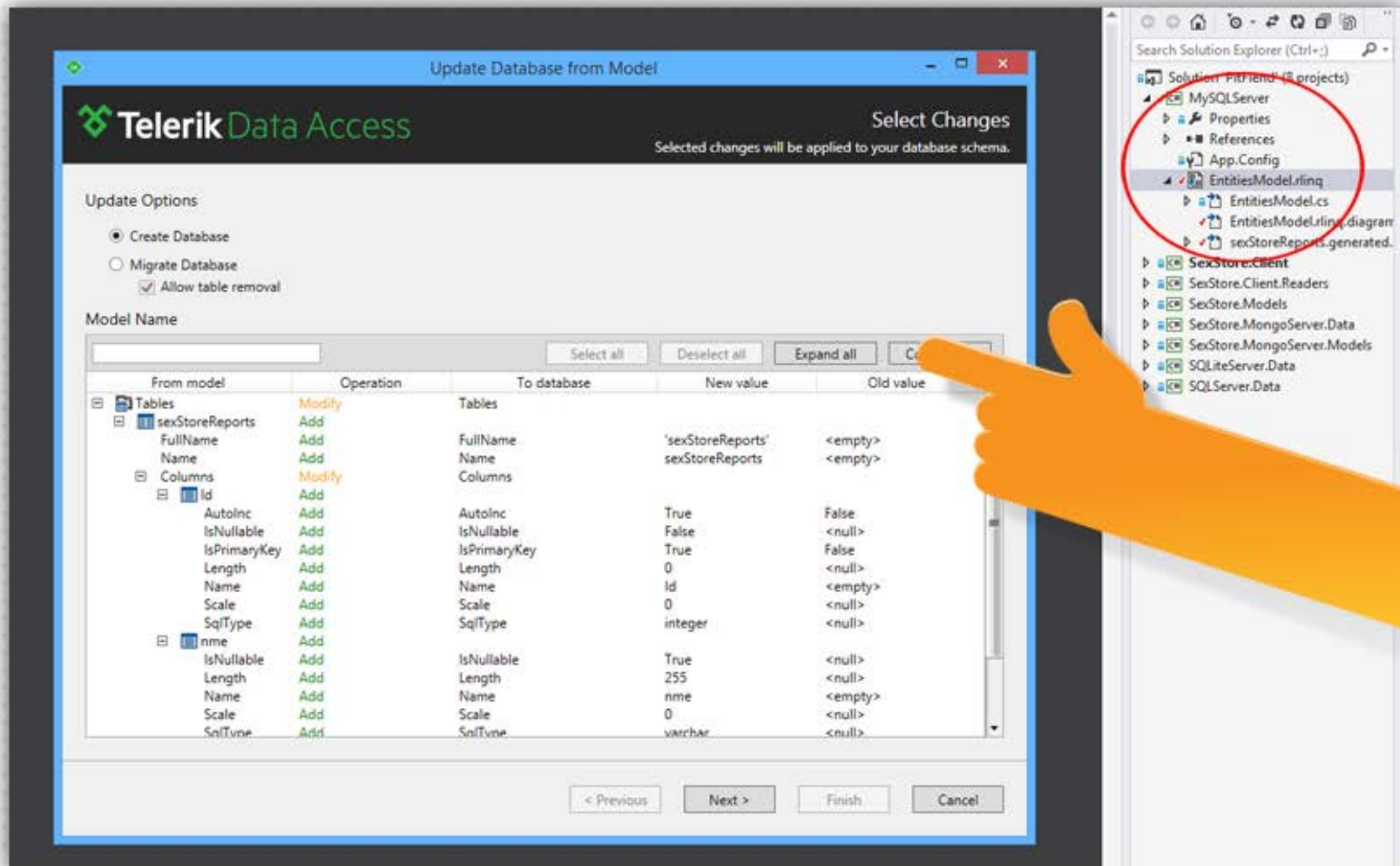
        public virtual ICollection<Sale> Sales { get; set; }

        5 references
        public virtual City City { get; set; }
    }
}
```



MySQL

TELERIK DATA ACCESS



MongoDB

OFFICIAL MONGODB C# DRIVER

```
using System;
using System.Data.Entity;
using System.Linq;
using System.Xml.Linq;

using MongoDB.Driver;

using SexStore.Client.Readers;
using SexStore.Client.Readers.Reporters;
using SexStore.Models;
using SexStore.MongoServer.Data.Imports;
using SexStore.MongoServer.Data.Transfers;

using SQLServer.Data;
```

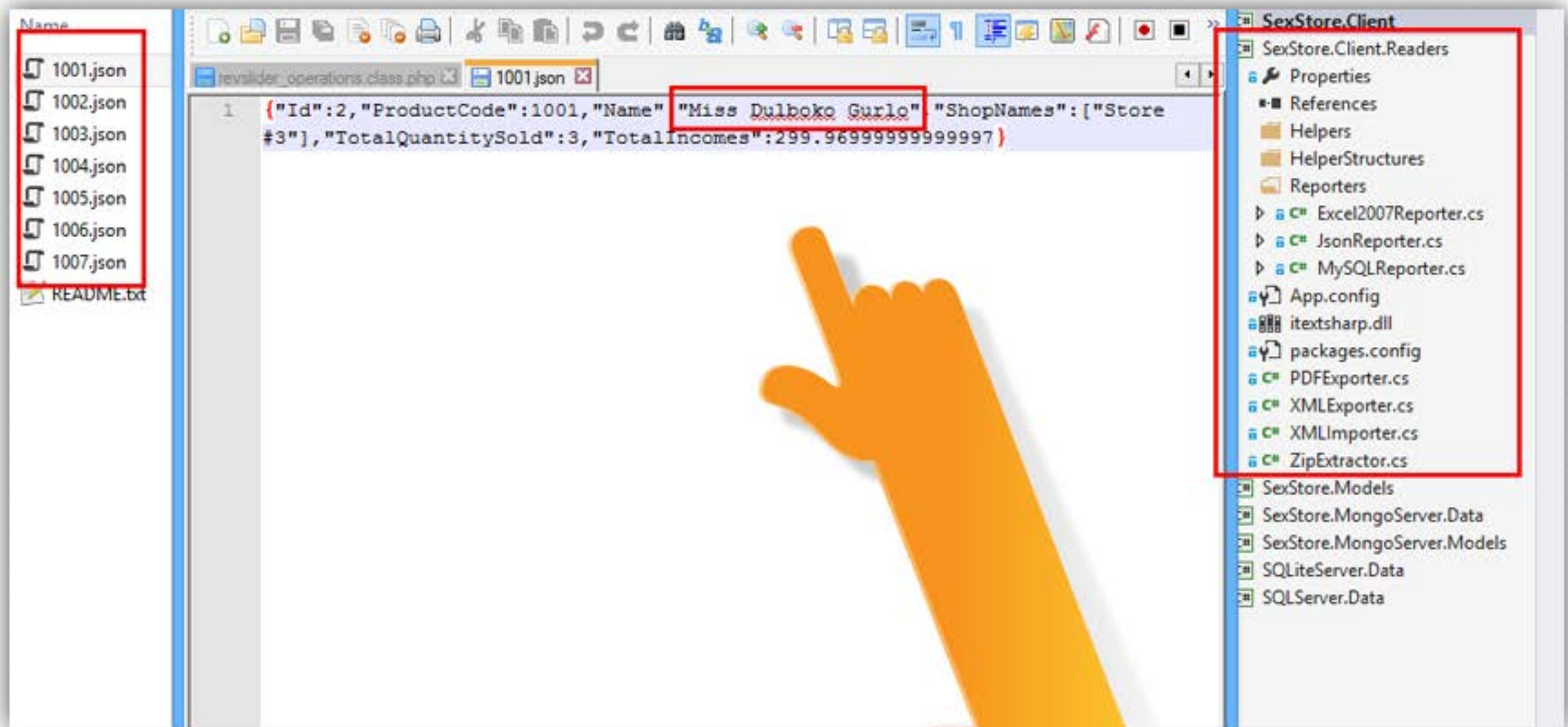
```
References
public class EntryPoint
{
    References
    public static
    {
        ...
        while (true)
        {
```

Solution 'PitFiend' (8 projects)

- MySQLServer
- SexStore.Client**
- SexStore.Client.Readers
- SexStore.Models
- SexStore.MongoServer.Data
 - Properties
 - References
 - ExternalData
 - Imports
 - Initialization
 - Seed.cs
 - Transfers
 - App.config
 - packages.config
- SexStore.MongoServer.Models
- SQLiteServer.Data
- SQLServer.Data

JSON Reports

NON-COMMERCIAL LIBRARY




PDF Reports

iTextSharp - .NET PDF Library




Available products			
Product Name	Description	Quantity in stock	Price
American Cream Pie	Porn Movie	2	11.99
Whore of the Rings	Porn Movie	3	11.99
How I Banged Your Mother	Porn Movie	4	11.99
Miss Dulboko Gurlo	Sex Doll	5	99.99
Dildo Bagings	Small vibrator.	11	23.99
			5.99
			19.99

Aggregated Sales				
Location	Product	Quantity	Price	Sum
Store #1	Jumbo Penetrator 3000	1	19.99	19.99
Store #2	Exotic Liquids	2	5.99	11.98
Store #3	Miss Dulboko Gurlo	3	99.99	299.97
Store #4	Dildo Bagings	1	23.99	23.99
Store #4	American Cream Pie	1	11.99	11.99



XML Reports

XML LINQ

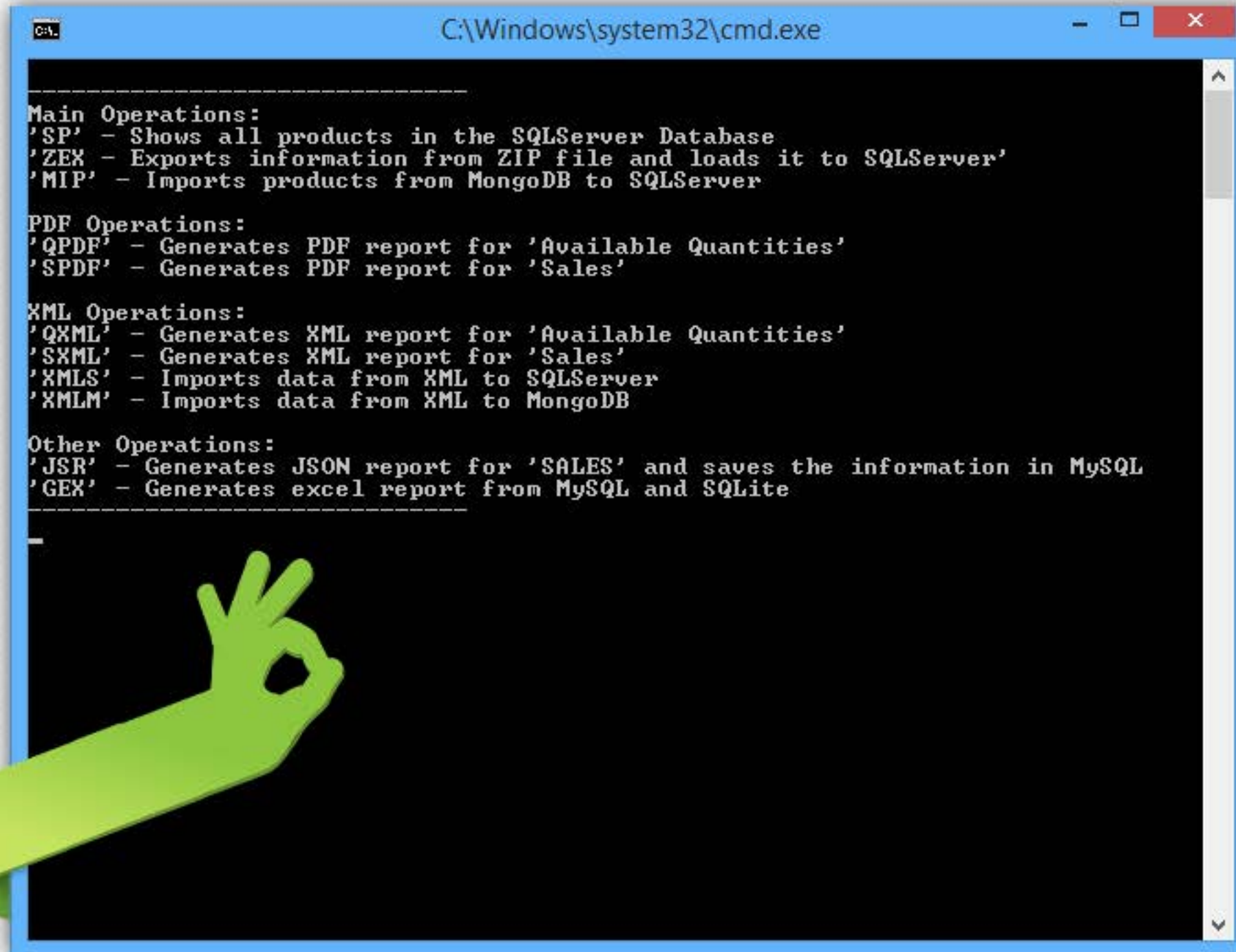


```
1 <?xml version="1.0" encoding="utf-8"?>
2 <products>
3   <sale vendor="Store #1">
4     <summary>
5       <date>2014-09-04T01:40:16.467</date>
6       <total-sum>19.99</total-sum>
7     </summary>
8   </sale>
9   <sale vendor="Store #2">
10    <summary>
11      <date>2014-09-04T01:40:16.467</date>
12      <total-sum>11.98</total-sum>
13    </summary>
14  </sale>
15  <sale vendor="Store #3">
16    <summary>
17      <date>2014-09-04T01:40:16.467</date>
18      <total-sum>299.97</total-sum>
19    </summary>
20  </sale>
21  <sale vendor="Store #4">
22    <summary>
23      <date>2014-09-04T01:40:16.467</date>
24      <total-sum>23.99</total-sum>
25    </summary>
26  </sale>
27  <sale vendor="Store #4">
28    <summary>
29      <date>2014-09-04T01:40:16.467</date>
30      <total-sum>11.99</total-sum>
31    </summary>
32  </sale>
33 </products>
```

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <products>
3   <product name="American Cream Pie" description="Porn Movie">
4     <info>
5       <price>11.99</price>
6       <quantity>2</quantity>
7     </info>
8   </product>
9   <product name="Whore of the Rings" description="Porn Movie">
10    <info>
11      <price>11.99</price>
12      <quantity>3</quantity>
13    </info>
14  </product>
15  <product name="How I Banged Your Mother" description="Porn Movie">
16    <info>
17      <price>11.99</price>
18      <quantity>4</quantity>
19    </info>
20  </product>
21  <product name="Miss Dalboko Gurlo" description="Sex Doll">
22    <info>
23      <price>99.99</price>
24      <quantity>5</quantity>
25    </info>
26  </product>
27  <product name="Dildo Bagings" description="Small vibrator.">
28    <info>
29      <price>23.99</price>
30      <quantity>11</quantity>
31    </info>
32  </product>
33  <product name="Exotic Liquids" description="Lubricant">
34    <info>
35      <price>5.99</price>
36      <quantity>11</quantity>
37    </info>
38  </product>
39  <product name="Jumbo Penetrator 3000" description="WOW">
40    <info>
41      <price>19.99</price>
42      <quantity>99</quantity>
43    </info>
44  </product>
45 </products>
```


Console Application UI

All Functions In One Window



```
C:\Windows\system32\cmd.exe

-----
Main Operations:
'SP' - Shows all products in the SQLServer Database
'ZEX' - Exports information from ZIP file and loads it to SQLServer'
'MIP' - Imports products from MongoDB to SQLServer

PDF Operations:
'QPDF' - Generates PDF report for 'Available Quantities'
'SPDF' - Generates PDF report for 'Sales'

XML Operations:
'QXML' - Generates XML report for 'Available Quantities'
'SXML' - Generates XML report for 'Sales'
'XMLS' - Imports data from XML to SQLServer
'XMLM' - Imports data from XML to MongoDB

Other Operations:
'JSR' - Generates JSON report for 'SALES' and saves the information in MySQL
'GEX' - Generates excel report from MySQL and SQLite
-----
```

Pit Fiend's Chief Executive Officers

Aug 24, 2014 - Sep 4, 2014

Contributions: Commits ▾

Contributions to master, excluding merge commits



d-kostov-dev

38 commits / 4,092 ++ / 1,766 --

#1



08/31/2014



hAWKdv

19 commits / 4,227 ++ / 2,435 --

#2



08/31/2014



kris4o1993

16 commits / 1,503 ++ / 457 --

#3



08/31/2014



georgipyramov

16 commits / 1,054 ++ / 528 --

#4



08/31/2014