

**DME API. Real Time Example with Web Application Using Web Service**

This example shows how DME API can be used in Web applications. This case is the most justified for using WCF Service.

1. For starting, please check ‘Start WCF Service Host...’ checkbox in SampleService project’s settings ‘WCF Options’ tab, how it is shown in Fig.1

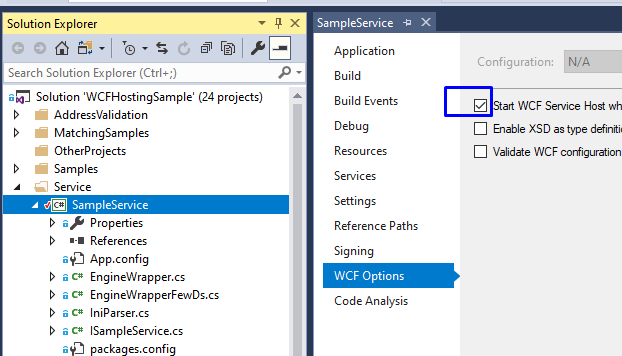


Fig.1. Settings of SampleService project

1. Check that WCF service addresses are the same in SampleService and WebApplicationUsingWebService projects (Fig.2 and Fig.3).

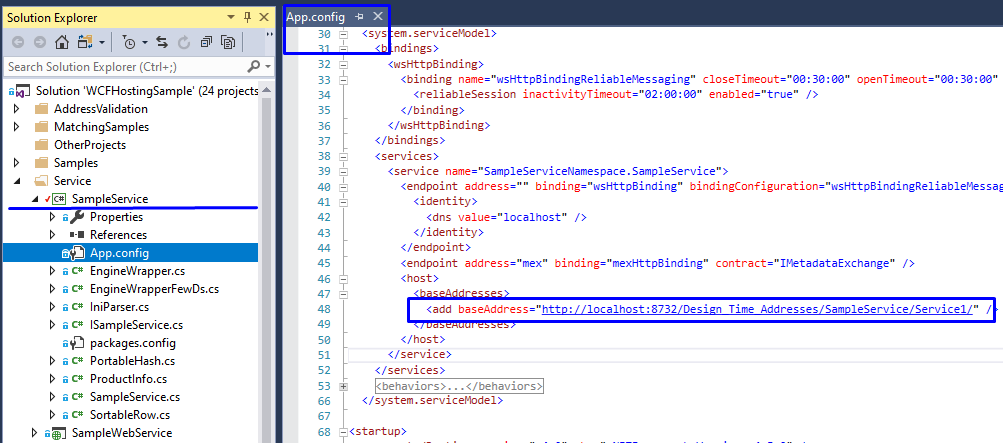


Fig.2. App.config file of SampleService project

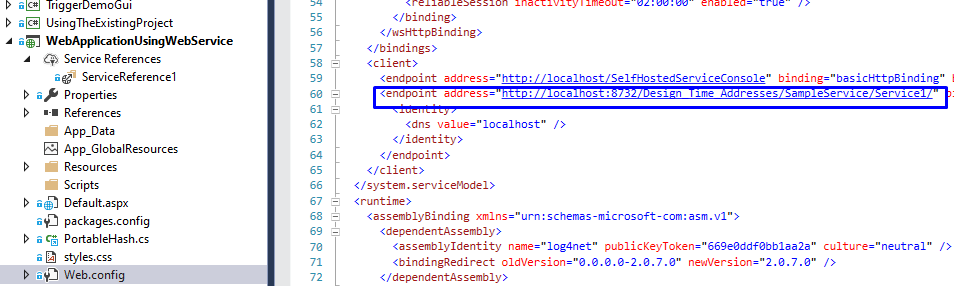


Fig.3. Web.config file of WebApplicationUsingWebService project

1. Create project in DataMatch Enterprise with source from SQLServer source. Create definition and add criteria. Save and close project.
2. Select ‘WebApplicationUsingWebService’ project in Visual Studio and start it.Start ‘WebApplicationUsingWebService’ project. If everything adjusted correctly you can see browser window how it’s shown in Fig.5

If exception happens during starting WCF service, please execute script from “D:\API\Samples\elevate rights for the web service” folder. This script should be adjusted with correct DOMAIN and UserName. All corrections details are in Fig.4.

Please execute this script as administrator. Start WebApplicationUsingWebService project

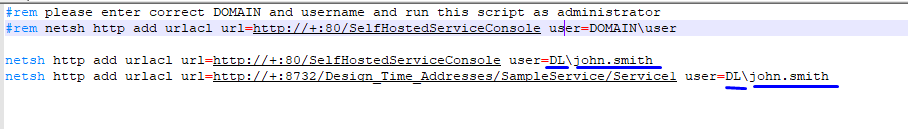
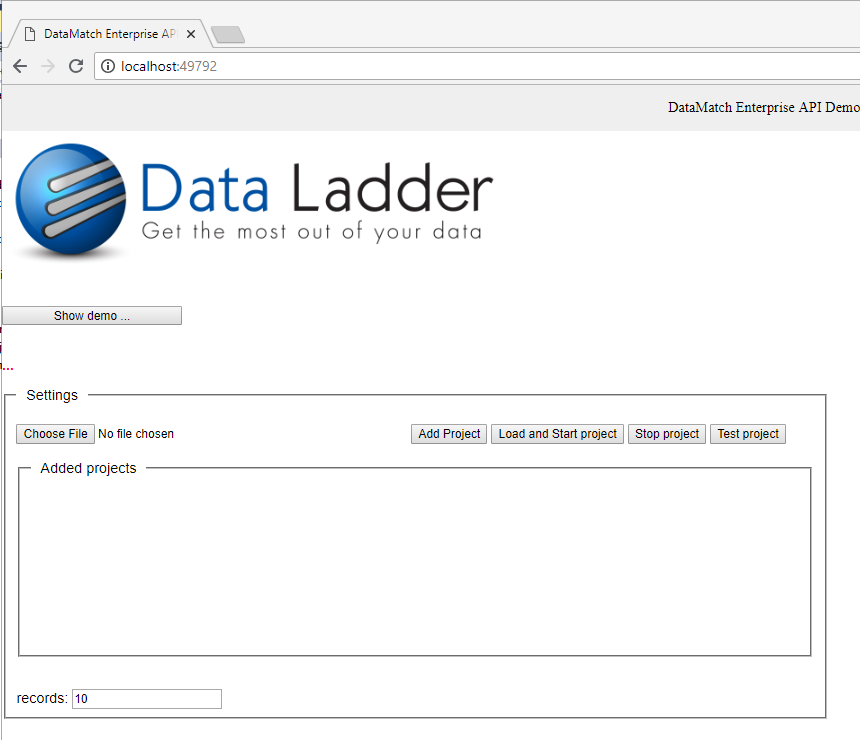


Fig.4. Permissions for starting WCF service

 Fig.5

 6. Please click “Choose File” button and select DME project created in point 3. Then click “Add Project”, choose radio button and after that click  “Load and Start project”. Started project is shown below (Fig.6)

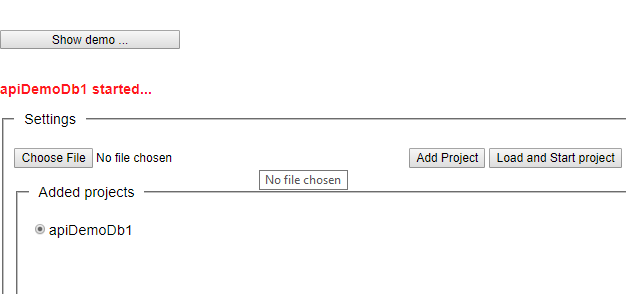


Fig.6 Started project

After the project is loaded you can go to real-time examples:  Live Search and Suppressing Management by pressing ‘Show demo...’ button.

For inserting a new record into the database, you should type values in text fields in the section Fields and then press button ‘Write’.  If a record is unique it will be inserted.  Also, you can change values of thresholds.

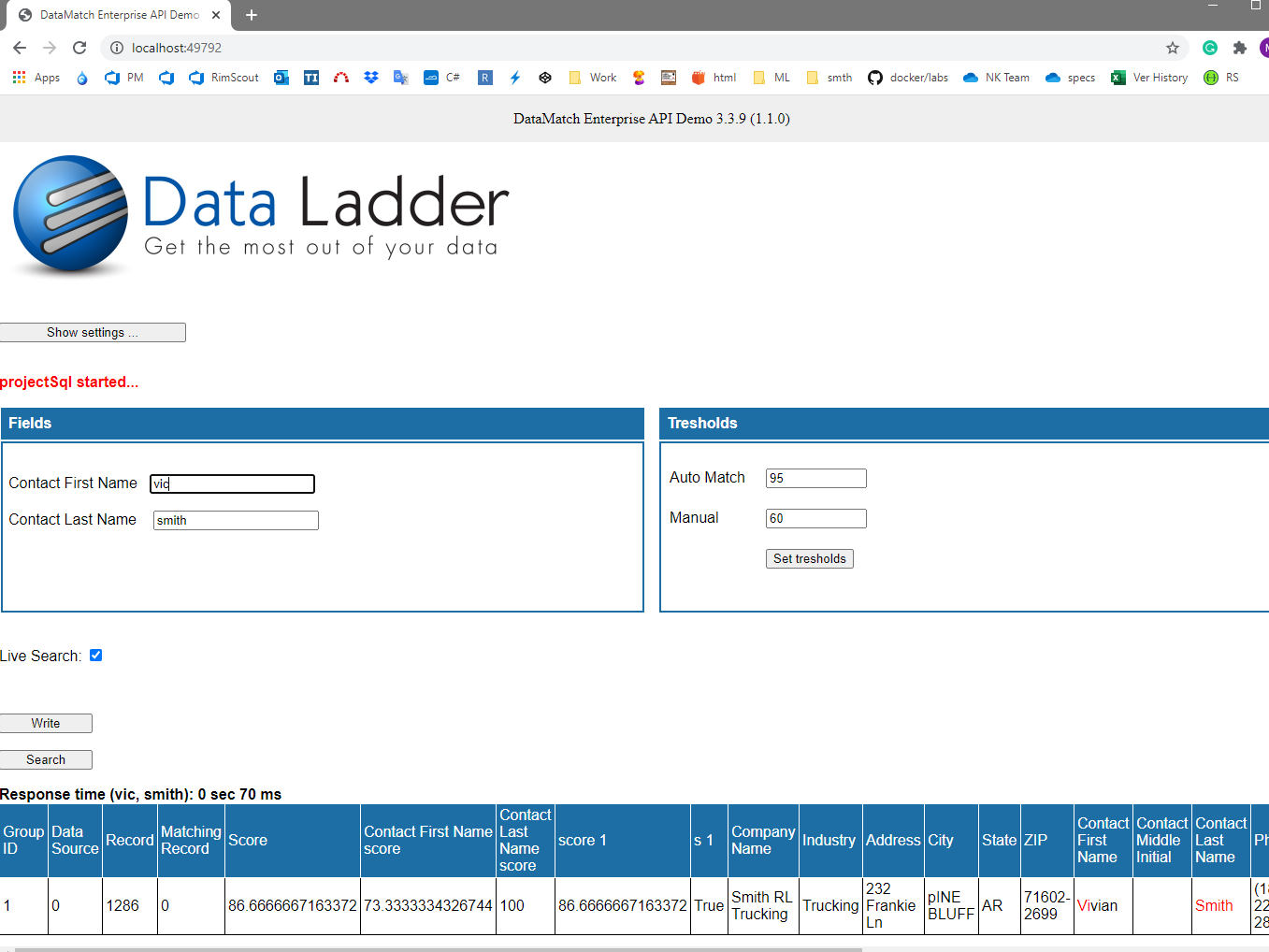


Fig.7 Duplicate for entered values

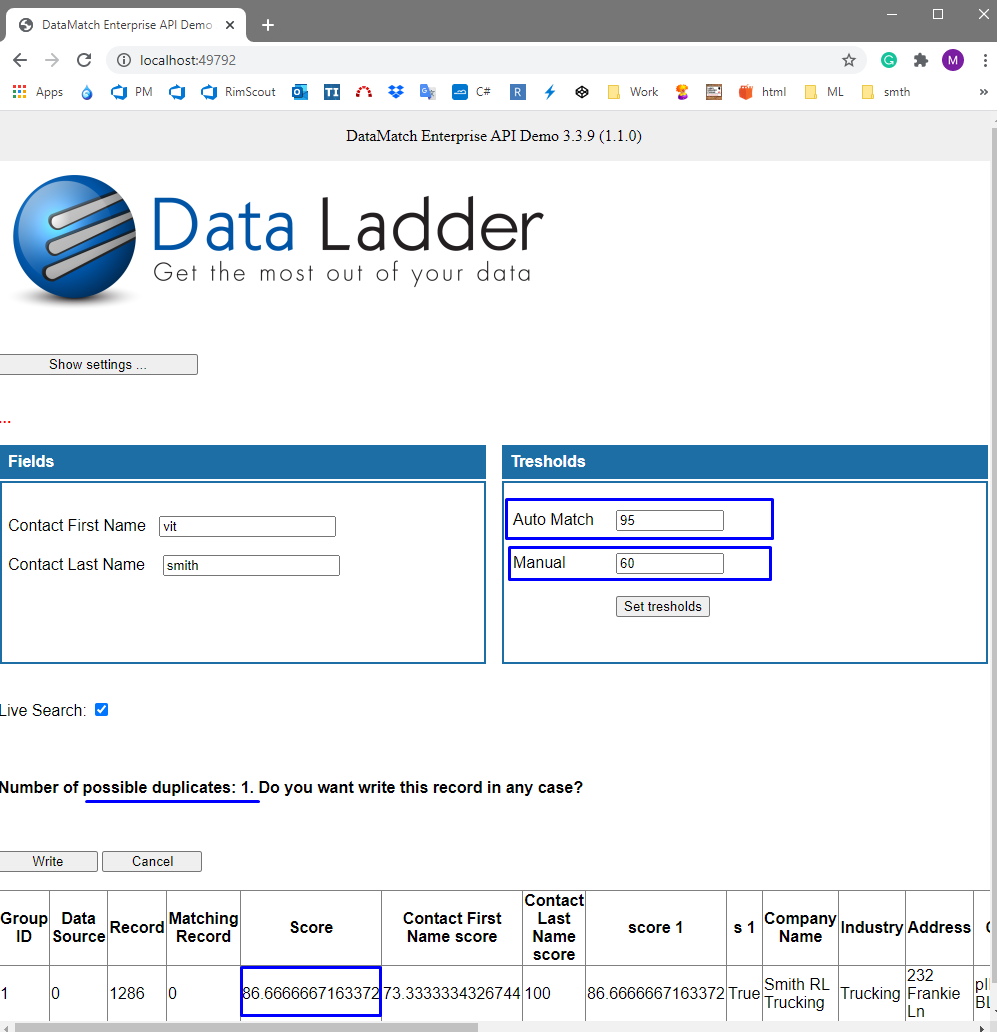


Fig.8 Duplicate has the score between thresholds that's why the application ask should this record be inserted in the database