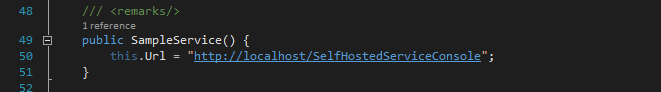


**DME API. GUI Using Web Service**

# GUI Using Web Service

Execute ‘SelfHostConsole’ application before running ‘GUI Using Web Service’ example. It will start a host for WCF Service that interacts with API.

‘SelfHostConsole’ project contains App.config file where you can define custom bindings. By default, base address is: http://localhost/SelfHostedServiceConsole . The same address should be declared as URL of ServiceClient in the ServiceClient.cs file for the first project (GUIusingWebService).



SelfHostConsole project requires special configuration. First, ensure that the output directory (bin\Debug or bin\Release) contains all required DLLs (see table 1, Data Match Enterprise API (SDK) document). Webservice.ini file should be present in this folder with the next configuration (values of variables should be changed according to your system configuration):

**[AppSettings]** (except connection string all other values are mandatory)

connectionstring=Server=[SERVER];Database=[DATABASE];Trusted\_Connection=True;

pathForRegistrationFile=C:\ProgramData\DataMatch Enterprise\Registration\

projectsPath=c:\Users\user.name\Documents\DataMatch Enterprise\projects

dataPath=D:\enterprise\API persistent

tempDataPath=D:\enterprise\API temp

**[PkFieldName]**(mandatory if insert/update/delete is performed on the database table)

Example1=ID

Companies1M=ID

s2tech=SSN

ttt3=fullname

test=fullname

**[RAM MB per project]**(mandatory for all DME projects used by service, integer value is in kB)

 ! Note: If system’s free memory is less than value service uses, system returns a message about this. It continues working after the memory is available again.

business\_names=1024

person\_names=2048

DCSFMatch\_API=4096

ttt3=2048

test=2048

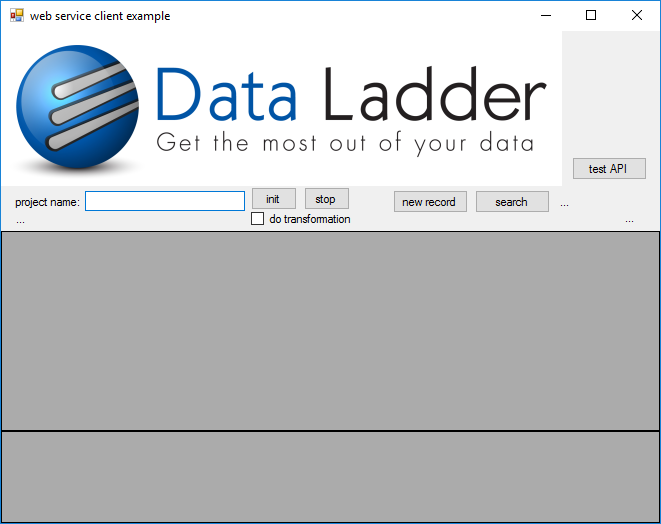
**[RAM MB]**(both mandatory)

AllInMemory=true - for now should always be true

minFree=4096 – won’t start if this amount in kB is not available.

It might be necessary to grant network privileges for WCF Service. For these purposes you can use windows command file placed in ‘elevate rights for the web service’ folder. You can edit run.bat file according to your system configuration.

After running the application you’ll see the following screen:



Project Name from DME directory with projects (webservice.ini file, projectsPath  section) should be defined in ‘Project Name’ text box. **[PkFieldName]** section contains a field for a project by which you want to search in opened project.

Click “new record” button to add a field where you can define text to search. Then enter the text to search and click “search” button. You’ll see search results in the tabular format:

