Embedding search engine

HydraGate class have to be used for embedding our hotels search engine on Your website. First, HydraGate.dll reference have to be added to Your project.

1. Embedding 1st, 2nd, 3rd and 4th step

a) Agent number, affiliate , GET, POST have to be provided for the HydraGate class contructor. Last constructor parameter is optional, it indicates that http or https must be used during request to the search engine. This value is set by default to false.

```csharp
Dictionary<string, string> GET = new Dictionary<string, string>();
Dictionary<string, string> POST = new Dictionary<string, string>();
bool useHttp = false;
string agentNumber = YOUR_AGENCY_NUMBER;
string affiliate = YOUR_AFFILIATE;
HydraGate.HydraGate hydraGate =
        new new HydraGate.HydraGate(agentNumber, affiliate, POST, GET, useHttp);
```

b) URL to the search engine have to be set after HydraGate construction.

```csharp
hydraGate.SetUrl("YOUR_URL");
```

c) Optionaly gate name can be set.

```csharp
hydraGate.GateVarName = "hd3";
```

d) Now, FetchParts method can be used for downloading content of search engine to your website.

```csharp
ContentParts contentParts = hydraGate.FetchParts("main", "header");
```

e) Header part have to be attached in the HEAD section of the website. These part can be obtained in the following way:

```csharp
string header = contentParts.FetchPart("header", false);
```

f) The rest of the search engines components can be placed in selected areas of the website. All elements are optional.

Main parts of the search engine:

```csharp
string mainContent = contentParts.FetchPart("main ");
```

g) It's up to You and framework used in Your project how fetched search engine content will be embedded on your website.

h) To enable steps "back" functionality, set URL of the website with attached 1st and 2nd steps in configuration panel (Agency profile > IBE profile > Subpage with the search engine (GATE version)).

i) Subpage with the booking (GATE version) must be set for step 3rd and 4th in the IBE configuration panel (Agency profile > IBE profile > Subpage with the booking (GATE version)).

2. Example

SampleHydraGateMvcIntegration is Visual Studio 2013 MVC 4 project. It contains 1st, 2nd, 3rd, 4th embedding. To make example work do the following:

a) You have to setup AGENT_NUMBER , AFFILIATE, BASE_URL and GATE_NAME const in SampleHydraGateMvcIntegration.Models.Agency class.

b) set website in IIS.

c) set Subpage with the search engine (GATE version) and Subpage with the booking (GATE version) as it was described in points 1.h and 1.i.

Project description:

APP_Start:

BundleConfig – contains sample-script bundle.

RouteConfig – defines routs to search and booking controllers.

Controllers:

BaseController – defines methods for reading GET and POST parameters.

HomeController – fetches 1st, 2nd, 3rd and 4th steps.

Models:

Agency – defines AGENT_NUMBER, AFFILIATE, BASE_URL and GATE_NAME .

ViewModels:

HomeViewModel - contains Title and ContentParts properties for view.

Views:

Home > Index.cshtml - has embedded parts fetched from 1st, 2nd, 3rd and 4th steps.

Shared > _Layout.cshtml - main layout with head and scripts section.