**Implementation Guide for St. Augustine Project**

**Powered by**

**FIU dPanther Framework**

*Prepared by FIU GIS Center, 11/20/2015*

# Implementation Requirements

* IIS 7.0 +
* .NET Framework 4.5
* SobekCM v 4.9 + (same server)
* Visual Studio 2012+

# Implementation walk through

1. *Database setup*: run “dpanther\_schema\_min.sql” on existing SobekCM database instance.
2. *Implement dPanther server end application*:
   1. Copy “dPanther\_Server” to the web server (same one host current Sobek).
   2. Open web.config file in “**dpRestService**” and modify the database connection string
   3. Search web.config and find the section for domain user. Replace the domain, user name, and password with the one for your own server. (the user need to have read access to SobekCM content folder)

<appSettings>

<add key="domainname" value="\*\*" />

<add key="domainuser" value="\*\*\*\*" />

<add key="domainuserpw" value="\*\*\*\*\*" />

</appSettings>

* 1. Open web.config file in **“DPantherRESTServices”** and modify the database connection string
  2. You can further customize the project by modifying the config file. It follows Microsoft ASP.NET standard.
  3. If you need to change the connection string name, you need to update the cs file “Config.cs” in project **DPantherBusiness**.
  4. Open solution file “DPanther\_stAugustine.sln” with Vistual Studio 2012 and compile the solution.
  5. Create 2 applications in IIS for both “**dpRestService**” and **“DPantherRESTServices”.**

1. *Implement dPanther client side application*:
   1. Copy “dPanther\_Client” to the web server.
   2. Open Javascripts/VTKeys.js with any text editor.
   3. Search for “Server related variables” and go through the values and make sure they match with your server setup.
   4. Go to https://developers.google.com/maps/documentation/javascript/ to get a google map API key for you site
   5. Open “StAuDC.htm” go to Google API section
   6. Replace “ <script src="https://maps.googleapis.com/maps/api/js?v=3.exp&sensor=false"></script>” with your own google maps API key code
2. *Final customization*: Modify database table “DP\_Directory” , change the “dirPath” and “webUrl” of each record