**Steps to configure ArcFMWebConfigLimited**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Version** | **Description** | **Author** |
| 6/23/14 | 1.0 | Initial Draft | Ashish Narasimham |
| 6/12/15 | 2.0 | Document updated for 10.2.1a release | Ashish Narasimham |
| 6/15/15 | 2.1 | Added config file var | Ashish Narasimham |

All mentions of ‘target database’ below refer to the database to which the generic ‘EDPUB’ tns name points to for that environment. For example, the Development environment’s EDPUB tnsname points to LBGISQ3Q. Additionally, mentions of EDPUBSUB will refer to the publication substation database for that environment.

1. If you do not have either the Excel Interop assemblies or Excel itself installed on the machine you will be installing this tool onto, you will need to install Microsoft Office and then the assemblies.
   1. The installation of Microsoft Office is not in scope for this document. Refer to IT documentation to perform this step.
   2. Use the following .msi to install the assemblies:  
      [\\sfetgis-nas01\sfgispoc\_data\ApplicationDevelopment\IBM\_Delivery\Releases\WEBR Field Properties\10.0\o2010pia.msi](file:///\\sfetgis-nas01\sfgispoc_data\ApplicationDevelopment\IBM_Delivery\Releases\WEBR%20Field%20Properties\10.0\o2010pia.msi)
2. Browse to the following location: [\\sfetgis-nas01\sfgispoc\_data\ApplicationDevelopment\IBM\_Delivery\Releases\WEBR Field Properties\10.2](file:///\\sfetgis-nas01\sfgispoc_data\ApplicationDevelopment\IBM_Delivery\Releases\WEBR%20Field%20Properties\10.2)
3. Install the latest version’s msi for the ArcFMWebConfigLimited tool into the desired directory.
4. Navigate to the installed location in a Windows Explorer window and open **ArcFmWebConfigLimited.exe.config** file in notepad.
5. Find the **ElecReadSDEConnection** key and set the value using an SDE connection configured to connect as EDGIS to the target database. For example <add key="**ElecReadSDEConnection**" value="**C:\Temp\ LBGISQ3Q\_EDGIS.sde**"/>. You will only need to use this value if you are creating a new field properties file. In most cases, you will only be configuring the tool to execute in UC4 and write to the database (not read from it).
6. Find the **SubReadSDEConnection** key and set the value using an SDE connection configured to connect as EDGIS to the target database. For example <add key="**SubReadSDEConnection**" value="**C:\Temp\ LBGISS1Q\_EDGIS.sde**"/>. You will only need to use this value if you are creating a new field properties file. In most cases, you will only be configuring the tool to execute in UC4 and write to the database (not read from it).
7. Find the **ElecWriteSDEConnection** key and configure value to reference the target electric database as SDE with necessary credentials. For example <add key="**ElecWriteSDEConnection**" value="**C:\temp\SDE@LBGIQ3Q\_EDGIS.sde**" />
8. Find the **SubWriteSDEConnection** key and configure value to reference the target substation database as SDE with necessary credentials. For example <add key="**ElecWriteSDEConnection**" value="**C:\temp\SDE@LBGISS1Q\_EDGIS.sde**" />

Additional parameters that can be changed, but are not required to be changed are:

* **ElecFilePathAndBase/SubFilePathAndBase –** The file path for the output file to be written to and the base file name of the file. Do not include the file extension (“.csv”, “.xlsx”).

TEST steps to run the application.

Note: you will not need to execute these steps if the application is being configured as a part of the UC4 process.

1. Open command prompt as administrator.
2. Go to (cd to) installed directory of tool in command prompt.
3. Run the application from command prompt, “ArcFmWebConfigLimited.exe –o WriteDbToCsv”.
4. Check the log-file.txt output to ensure there are no errors.
5. Check the output file path. You should see a csv file named the same as the FilePathAndBase parameter in the config file.