On the fly

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Type of Document** | User Guide | | | | |
| **Reference:** |  | | | | |
| **Issue:** |  | **Revision:** |  | **Status:** | Draft |
| **Created by:** | Gino Mascotti | | | **Date:** | 30/09/2014 |
| **Updated by:** | Gino Mascotti | | |  | 19/12/2014 |
| **Approved by:** |  | | | | |

**Configuration File**

The configuration file of the project OnTheFly WebServices

**bin\ServiceConfiguration.xml**

This file is composed of two sections

* **Global Setting**
* **Mapping Settings**

1. **Global Settings**

In this section you will find all the configuration parameters required and used in all versions dell'OnTheFly  
The parameters are composed of

<add key="[key]" value="[value]" />

|  |  |
| --- | --- |
| Key | Description |
| MainAgencyId | AgencyScheme Structure and descriptions  Is posible insert in this tag one or more name with this sintax:  <Name LocaleIsoCode="en"><![CDATA[Agency Name]]></Name> |
| OrganisationScheme | OrganisationScheme Structure and descriptions  Is posible insert in this tag one or more name with this sintax:  <Name LocaleIsoCode="en"><![CDATA[ISTAT AGENCIES]]></Name> |
| Version | Default Version of artefacts |
| DatasetTitle | Is a true/false value and determinate if you want show a Dataset Title in data query result at Dataset Level. It will taken the first description available |
| UserName | This parameter is required by some Store procedure |
| Domain | This parameter is required by some Store procedure |
| LogLocation | Determinate a location of application Log. Is possible use a special Word as %Temp% for identify a temporary Path |
| LogLevel | Possible value:  **"None"** -> No log  **"All"** -> All log (Debug Mode)  **"Warning**" -> Only Warning and Error Log  **"Error"** -> Only Error Log |
| HeaderSettings | Is possible configure all Header Settings that you want to return the header of each query |

1. **Mapping Settings**

In this section you can save one or more possible configurations depending on the version you want to use.

In the main node MappingSettings is an attribute UsedSettings that should be enhanced with the name of the configuration you want to use

To create a new configuration must

<MappingSetting id="SettingsId">

The id is the name you want to give to the configuration.

Possible parameters:

|  |  |
| --- | --- |
| Key | Description |
| ConnectionString | ConnectionString for connection to SqlServer Database.  In this Database must be present all Store Procedure under described |
| MsConnectionString | ConnectionString for connection to MappingStore Database  In this Database must be present all Store Procedure under described. If this is valorizated the versione of program automatically change in 2.0 |
|  |  |
| CategorySettings |  |
| ConnectionStringCategory | ConnectionString Alternative for retreival CategoryScheme, Category, Categorisation  In this Database must be present a table ContentTree |
| CategoryName | Category name you want to use in ContentTree Table |
|  |  |
| CodelistWhitoutConstrain | Set to true for merging codelist of all Dataflow (low performance)  when arrive Query Codelist whitout Constrain (Dataflow reference)  otherwise an exception will be generated. |
| ConceptObservationFlag | You can put the FLAG concept in dsd, in the value field must be specified ID in the attachmentLevel field the level where the data should be inserted inside, assignmentStatus if it is mandatory or optional and descriptions names.  The codelist of ConceptObservationFlag will be taken to the store procedure “GetFlags”.  If you do not want to add this attribute to remove the tag from the configuration file. |

The formats of the id of the artifacts made

|  |  |
| --- | --- |
| Key | Description |
| DsdFormat | Format of KeyFamily and DataStructure ID. The characters {0} will be sobstituted with Dataflow ID |
| ConceptSchemeFormat | Format of ConceptScheme ID. The characters {0} will be sobstituted with Dataflow ID |
| CodelistFormat | Format of Codelist ID. The characters {0} will be sobstituted with Concept ID |
| CategorySchemeFormat | Format of CategoryScheme ID. The characters {0} will be sobstituted with Dataflow ID |
| CategorisationFormat | Format of Categorisation ID. The characters {0} will be sobstituted with Dataflow ID |

The Store Procedure

|  |  |
| --- | --- |
| Key | Description |
| GetCategory | Get Category and Categorisation, if this not exist and is populate CategorySettings, the OnTheFly system get Category information from other Database |
| GetDatasets | Get Datasets, required in OTF 1.0 |
| GetDimensions | Get Dimensions,required in OTF 1.0 |
| GetDimensionCodelistConstrain | Get dimension’s codelist constrained (only used in Dataset specified), required in OTF 1.0 |
| GetDimensionCodelistNOConstrain | Get dimension’s codelist not constrain, if this not exist, the OnTheFly system check the flag “CodelistWhitoutConstrain” |
| GetAttributes | Get Attributes, if this not exist, the OnTheFly system get a Attribute from File “Attributes.xml” |
| GetAttributeCodelistConstrain | Get Attribute’s codelist constrained (only used in Dataset specified), if this not exist, the OnTheFly system get a Attribute from File “Attributes.xml” |
| GetAttributeCodelistNOConstrain | Get Attribute’s codelist not constrained, if this not exist, the OnTheFly system get a Attribute from File “Attributes.xml” |
| GetData | Get Data, ever required |
| GetGroups | Get Groups, only used in OnTheFly v2.0 |
| GetDataflows | Get Dataflows, only used in OnTheFly v2.0 |
| MSGetCodelist | Get Codelists, only used in OnTheFly v2.0 |
| MSGetConceptScheme | Get ConceptSchemes, only used in OnTheFly v2.0 |
| MSGetDSD | Get DataStructures, only used in OnTheFly v2.0 |