TranslateXml Description

# Background

The file TranslateXml.xml represents the input to the program LabEtl. It contains the instructions for the program to operate. This document contains a description of those parameters.

# Parameter Description

### ProjectName

Effect on output: Used for database table name and reports

Data type: string

Interactions:

|  |  |
| --- | --- |
| SharedLibrary.DbProject | Validates if the name can be used for the project: 1) valid Sql table name, 2) name already taken. |

### ReportPath

Effect on output: The directory containing the reports

Data type: string

Interactions:

|  |  |
| --- | --- |
| WinDir.CreateFolder | Creates the folder, over-writing any existing folder |

### Map

Effect on output: It’s used like a switch to indicate parameters, extraction and map.

Data type: enum (Yale, VA)

Interactions:

|  |  |
| --- | --- |
| Translate | Used to set parameter types |
| Map::LabMap::Factory:: | The VA is not used here for mapping. |
| Etl::LabExtract::Extract | Extraction method. |

### RunMap

Effect on output: Determines if the map is performed following the extraction

Data type: enum (On, Off)

Interactions:

|  |  |
| --- | --- |
| Etl::MapLoad | The switch decides if this is run. |

### RunReport

Effect on output: It determines if the reports are run.

Data type: enum (On, Off)

Interactions:

|  |  |
| --- | --- |
| Report\_EachLoinc::Write | Returns if Off |
| Report\_EachLoinc::MergeReports | Returns if Off |
| Report2::Data\_Report::Data\_Map | Returns if Off |
| Report2::DataQuality::Run | Returns if Off |
| Etl::Main | Permits reports to run if On (RunReportTables) |

### RunReportTables

Effect on output:

Data type: enum (On, Off)

Interactions:

|  |  |
| --- | --- |
| Report\_EachLoinc::Write | Runs AddMapFuncTable() if On |
| Etl::Main | Permits reports to run if On (RunReportTables) |

### RunExtract

Effect on output: Determines if the extract is performed.

Data type: enum (On, Off)

### MultilinesYale

Effect on output: Decides how to handle lab results that span more than one row. (Yale only.)

Data type: enum (JoinLines, RemoveLines

### ExtractBy

Effect on output: Chooses the protocol for extraction (VA lacks all options.)

DateRange: Extracts the labs between a date range (runs multiple queries for ranges >2 weeks)

DateRange\_KeepNullLoinc: DateRange that keeps labs with a null Loinc

LoincList: Uploads a list of Loinc List

FileImport: Upload raw lab data

Data type: enum

### StartDate/EndDate

Effect on output: The date range required by ExtractBy.DateRange, ExtractBy.LoincList

Data type: datetime

### ImportFilePath

Effect on output: The path of the file used by ExtractBy.FileImport

Data type: string

### (Parameter Template)

Requirements for use:

Effect on output:

Data type:

Interactions:

|  |  |
| --- | --- |
|  |  |