Insert Label Data into iMISONS Database tables for Label Application

**DAL.InsertLabels(CPublication)**

Data is inserted into the ‘Connect’ tables because this data is needed for all publications.

Using the information in the Publication object, the correct insertion stored procedures are run.

Create Publication Object

**Pub = CPublication(Publication Selection, Month Selection, FolderPath)**

Class variables are set for the specific publication.

Get Label Data for each Text File

**DAL.GetLabels(CPublication)**

Populate the DataTable for each file using the enumerated list of selection stored procedures by publication type. The DataTable name is set using a substring of the stored procedure name. Any stored procedure with ‘NEWS’ in the name is set to ‘CONNECT’.

Create Text File of Label Counts

**Pub.CreateCountFile()**

In Publication class, the count file is created.

Counts in the file are a subset of all counts in DataTable.

End

Screen Display: ‘Labels Created’

Insert Label Counts into Database

**DAL.InsertCountData(CPublication, CountData)**

The parameter names uses the name of the DataTable with ‘\_’ removed and ‘Count’ added.

Create Label Count Table

**Pub.CreateLabelCountTable()**

Creates a DataTable of counts using name of the file’s DataTable and row counts from the class member, DataTable, for each file.

Create Each Text File in the Collection

**Pub.CreateTextFiles()**

Each file calls the export method to set data in the file in the file path defined in CPublication.

The file name uses the DataTable name.

Get the Environment (Live, Test, Dev) from config file

Select Publication (CJON, Forum, Connect)

Select Month (Jan. … Dec.)

Screen Displayed:

‘Please wait while the label files are being created...’

Click

**Create Labels File** Button

Get Publication Selection

Get Month Selection

Get folder paths for:

Count, CJON, Forum, Connect

(Retrieve from config file)

**Labels Web Application Flowchart**

Start