# Installation Guideline

***Solution: Clinic Reporting System - BI Solution***

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***Date:*** *March 2017*

## Change Log

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## 1. Introduction

### 1.1 Summary

This document aims to provide a guideline about how to install and run the Clinic Reporting Solution

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## 2. Installation

### 2.1 Installation of ETL Support tables and Scripts

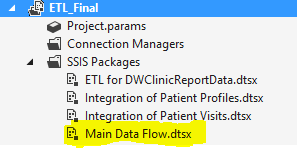
|  |  |  |
| --- | --- | --- |
| Step | Script | Description |
| 1 | \Scripts\Create Datawarehouse\DWClinicReportData.sql | Creates the DWClinicReportData |
| 2 | Scripts\Create ETL\1\_dwclinicreport\_etl\_drop\_fks\_procedure.sql | Create the stored procedure used to drop foreign keys |
| 3 | Scripts\Create ETL\2\_dwclinicreport\_etl\_truncate\_table\_procedure.sql | Create the stored procedure used to truncate tables |
| 4 | Scripts\Create ETL\3\_dwclinicreport\_etl\_build\_dim\_staging\_tables.sql | Create dimension views |
| 5 | Scripts\Create ETL\4\_dwclinicreport\_etl\_load\_dimensions\_procedures.sql | Create stored procedures used to load all dimensions |
| 6 | Scripts\Create ETL\5\_dwclinicreport\_etl\_load\_dimdate\_procedure.sql | Creates the stored procedure used to build the date dimension |
| 7 | Scripts\Create ETL\6\_dwclinicreport\_etl\_build\_fact\_staging\_tables.sql | Create fact views |
| 8 | Scripts\Create ETL\7\_dwclinicreport\_etl\_load\_facts\_procedures.sql | Creates the stored procedures used to load the fact tables |
| 9 | Scripts\Create ETL\8\_dwclinicreport\_etl\_create\_fks\_procedure.sql | Creates the stored procedure used to re-create the foreign keys |

### 2.2 Installation of views and support stored procedures for the patients and visits integrations

|  |  |  |
| --- | --- | --- |
| Step | Script | Description |
| 1 | \Scripts\Create Integration Support Files\1\_clinicdataintegration\_create\_staging\_table\_procedures.sql | Creates staging tables |
| 2 | Scripts\Create Integration Support Files\2\_clinicdataintegration\_load\_new\_patients\_procedure.sql | Create stored procedure used to load new patients data |
| 3 | Scripts\Scripts\Create Integration Support Files\3\_clinicdataintegration\_load\_new\_visits\_procedure.sql | Create the stored procedure used to load new visit records |

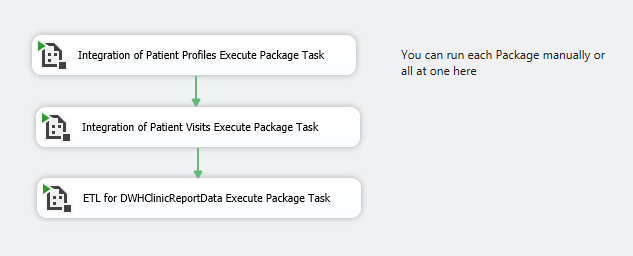
## 3. Running the Process

The Process can be run by selecting the MainDataFlow Package:



It will execute all the packages in the following order:

## 

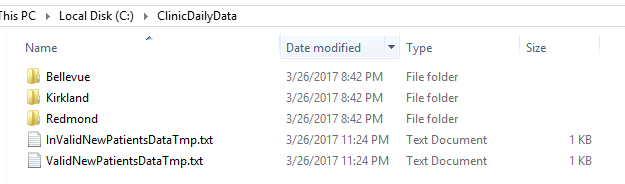


The ETL process can be manually run by executing the dwclinicreport\_etl\_execute\_script.sql script located inside the Scripts folders

## 4. Additional Considerations

In order to run properly, please take in consideration the following specifications:

* Clinic data should be placed in the following location C:\ClinicDailyData



* SSIS Package must be placed in the following location: C:\\_ETLSolutions\UW\_ETL\_Final\ETL\_Final

