

DQ Scoring Framework Ver 2.0- Release Notes



Version 1.0

December 30, 2019

**Table of Contents**

[Document Version History 3](#_Toc24966931)

[1.0 Purpose 4](#_Toc24966932)

[2.0 Document References 4](#_Toc24966933)

[3.0 Build Details 4](#_Toc24966934)

[4.0 Release Scope 4](#_Toc24966935)

[4.1 DQ Scoring Framework 4](#_Toc24966936)

[4.2 Release Scope 5](#_Toc24966937)

[4.2.1 In Scope 5](#_Toc24966938)

[4.2.2 Out of Scope 5](#_Toc24966939)

[4.2.3 Known Limitations/Bugs 5](#_Toc24966940)

[5.0 Release Object Details 5](#_Toc24966941)

[6.0 Deployment Steps 6](#_Toc24966942)

[7.0 Execution Steps 6](#_Toc24966943)

[8.0 Assumptions 6](#_Toc24966944)

# Document Version History

| Author(s) | Version | Amendments/Reasons | Date |
| --- | --- | --- | --- |
| Shiv Mangal Rahi | 1.0 | Initial Draft | 30-Dec-2019 |

# Purpose

The purpose of this document is to provide Release details of Infogix DQ Scoring Framework Release#2.0.

# Document References

The following table contains a list of the documents referred for this release.

| **Functional Area** | **Document Name** | **Version** | **Date Received** |
| --- | --- | --- | --- |
| TDD | IGX\_PS\_FDA\_07\_DQ\_Scoring\_Framework\_TechnicalDesign\_2.0 | 2.0 | 31-Dec-2019 |
| User Manual | IGX\_PS\_FDA\_07\_DQ\_Scoring\_Framework\_UserManual\_2.0 | 2.0 | 30-Dec-2019 |

# Build Details

| **Release#** | **Build Name** |
| --- | --- |
| 2.0 | * IGX\_PS\_FDA\_07\_DQ\_Scoring\_Framework\_Build\_2.0.zip |

Build is placed at below shared location:

[\\filer\share\FDA Project\DQ Scoring\FinalBuild](file:///\\filer\share\FDA%20Project\DQ%20Scoring\FinalBuild)

# Release Scope

## DQ Scoring Framework

This release document is for DQ Scoring Framework. DQ Scoring Framework is a solution developed by Infogix. This solution enables to check quality of data based on defined set of data quality rules in Data Governance. As part of metadata management, various business entities, policies and data quality rules etc. are defined in Data Governance. This framework uses DQ+ to read/fetch metadata and evaluate the quality of actual data, using rules defined in Data Governance. Score of various objects are finally posted back to Data Governance.

## Release Scope

## In Scope

Following modules are in scope of this release:

Functional Changes

* Asset Versioning
* E2E Scheduling
* Pre-Defined Regex Rule List
* Populating Input Values
* Improved DQ Score Result in Govern
* Semantic Rules
* Dashboard Changes for following defects

1. Dashboard Chart - After saving the chart, the aggregation type automatically changing back to Sum (<https://infogix.atlassian.net/browse/IS-7930>).
2. Dashboard Chart - Each row of the table should show its own line chart of the score depending upon the dimension field in the row (<https://infogix.atlassian.net/browse/IS-7932>).

Technical Changes

* Detailed Level Logging and Monitoring while posting DQ Scores
* Batch Posting of DQ Scores
* Handling of Pagination in Govern API Calls
* Performance Optimization
* Portal View of DQ Dashboard in Govern
* Marking fields as mandatory wherever required in Govern configuration

## Out of Scope

* Nested Grouping for Complex Rules

## Known Limitations/Bugs

Following are known limitations of this release:

* Main Process Model marked completed before child analysis completion – As a workaround a timer of 2 Minutes has been added in E2E Process Model . Zendesk Ticket# 81895 opened for same.
* Currently there is a limitation of DQ+ due to which if any record in Java Script takes more than 60 secs to process then it throws error in analysis execution. Due to this limitation processes related to building Hierarchy, Asset Versioning & Scoring may throw an error if the number of source attributes and business terms are huge in nature and may require some performance optimization. (Zendesk Ticket #80783 opened for same).

# Release Object Details

Below embedded sheet has list of objects released.



# Deployment Steps

1. Installation Pre-requisites:

* Data3Sixty DQ+ user should have admin rights to do the import.
* Data Governance user should have admin rights to do setup and configurations.

1. Installation Steps
   1. Import ***IGX\_PS\_FDA\_07\_DQ\_Scoring\_Framework\_Build\_2.0.zip*** on DQ+ environment using “Import” utility.
   2. Refer user manual for configuration of DQ+ and Data Governance.

# Execution Steps

1. Execution Pre-requisites:

* N/A

1. Execution Steps

* Refer to the user manual section#10.0

# Assumptions

* DQ+ and Data Governance environment connectivity already established by the infrastructure team.
* User is familiar with functioning and capability of DQ+ and Data Governance.