Informatica PowerCenter

Lesson 20: Row Error Logging

Lesson Objectives

- In this Lesson you will learn about:
  - Introduction to Row Error Logging
  - Steps For Implementation

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20.1. Introduction To Row Error Logging

- During execution we can encounter two types of errors
  - Critical Error/Fatal Errors – Which breaks the flow
  - Non-Critical Error – Row level data errors

- For Non-critical Row level data issues we can either Configure session property

1. Stop On Error =1 , which will break the flow and fail the session.
2. Error logging into flat file/DB tables

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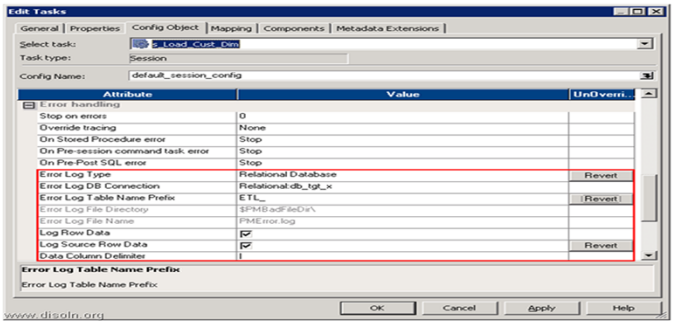
20.2. Steps For Implementing Row Error Logging

- Steps for creating mapping following Constraint based loading
  - Configure below session properties.



- With this configuration, we are done with the setting required to capture any error during the session execution.

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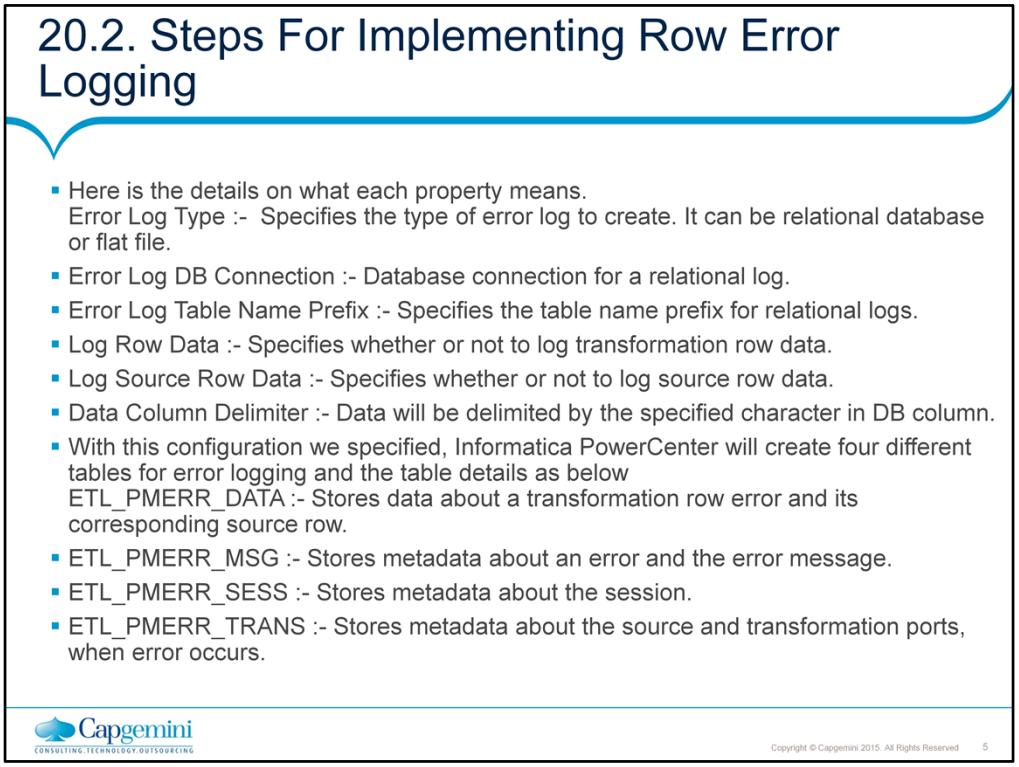
Use this mapping when you do not you need to keep any previous versions / history of dimensions in the table.



Use this mapping when you do not you need to keep any previous versions / history of dimensions in the table.

20.2. Steps For Retrieving Row Error Report

- For Retrieving Error Records there are two ways
  - Informatica Functionality –
- Download the workflow wflw_To_Create_Files_For_Rejected_Records. Download the UNIX script splitfile.sh.
  - Query the reject tables –
- Attached is the query for your reference

- Advantages
  - Helps create error file with respect to each transformation within Informatica session.
  - Helps you monitor any data quality issues.
  - Helps in debugging any transformation errors in Informatica mappings.
  - Helps you monitor the error records and provide corrections to existing ETL mapping to avoid these rejections on daily basis. This in turn will provide ongoing process improvements.
  - Provides visibility to Business and IT Analysts about the bad data or incorrect business logic in ETL mappings.

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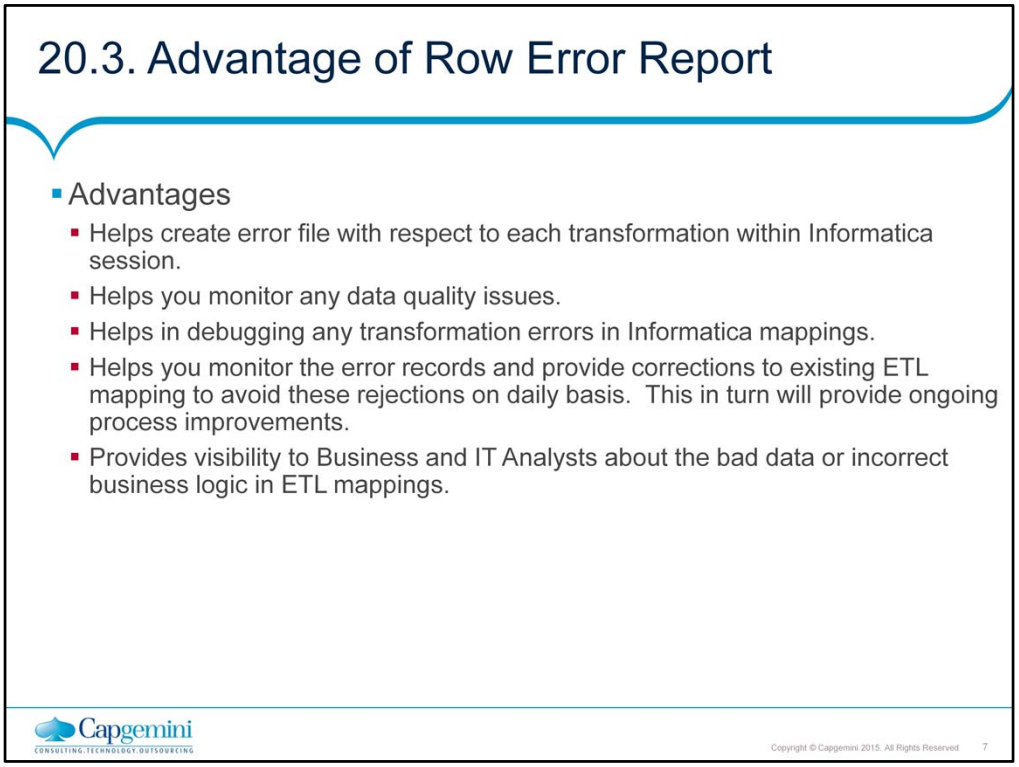
Use this mapping when you do not you need to keep any previous versions / history of dimensions in the table.



Use this mapping when you do not you need to keep any previous versions / history of dimensions in the table.

Summary

- This Lesson gives knowledge Row Error Logging , its implementation and advantages

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Review Question

- 1. We have to create Error tables for Row Error logging ?
  - A. no
  - B. Yes

Option A

- 2. Error logging is done for
  - A. Performance Gain
  - B. Data Quality

Option B

