

Data Integrator

Data Integrator 2017.1

RELEASE NOTES

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Introduction

The *Data Integrator Release Notes* provides information about the Data Integrator 2017.1 release. It covers product information and includes details of current known issues and workarounds. More detailed information regarding Data Integrator functionalities is presented in the *Release Notes'* companion document, the *Data Integrator User Guide*.

Overview

Data Integrator is a search and collaboration platform that enables easy access and retrieval of E&P data by providing a single point of access for various petro-technical applications. The first release is focused on enabling workflows to integrate ProSource* and Studio* environment for Petrel*.

Data Integrator aims to provide a single, unified HTML 5 based web interface for data managers to manage various data-centric solutions allowing them to know at a glance what data is available in the organization and where it is located spatially. It addresses the common problem of identifying and visualizing data within the E&P organization and works across multiple heterogeneous data stores.

You can use Data Integrator to:

- **Discover:** Search, browse, and filter data.
- **Manage:** Manage all data from a single portal.
- **Deliver:** Transfer filtered data to an asset team or domain user.

Key features

Some of the key features that Data Integrator provides are listed below:

- Centralization of E&P data and dissemination, thereby reducing search time.
- Ability to access and connect to heterogeneous data sources, current release support ProSource and Studio
- Visualization of seismic surveys and well data using:
 - Data Table
 - Map
 - Log Viewer
- Data transfer from ProSource to Studio.
- Reduced cycle time-immediate availability of data.

Data Integrator 2017.1-Known Issues

The Data Integrator 2017.1 release has the following known issues.

Serial Number	Affected Feature	Issue or Limitation
1	Data Indexing	<p>While indexing log channel from ProSource and Studio, the following error may get displayed: "Java.lang.OutOfMemory: Java Heap Space".</p> <p>Workaround: It happens when the size of bulk log channels are too large to be handled. When chunk size* is 10 where, chunk size refers to the number of log channels fetched in one lot from ProSource/Studio. To resolve the issue, modify the chunk size [Default is 10, minimum is 1], edit prosourceLogChannelChunkSize = 10 in the configuration file placed at \<Installation Path>\DataLoadingApp\config\config.properties</p> <p>* Chunk size refers to the number of log channels fetched in one lot from ProSource/Studio.</p>
2	Data Indexing	<p>ProSource LogChannel Indexing drains out the hard drive space, resulting into Data indexing failure.</p> <p>Workaround: Disable PSFO cache by using following steps:</p> <ol style="list-style-type: none"> 1. Set the value of "EnableLogDataCaching" key to "False" in <PSFO_InstallDirectory>\DataService\ServiceSettings.Config file. 2. Reset IIS.
3	Data Indexing - Incremental Indexing	<p>Issues in incremental data indexing occurs if existing PSFO project connection details are modified after Data Integrator Project Management configuration is done.</p> <p>Workaround: If a project X is configured in PSFO and saved into Data Integrator-Project Management, the unique project ID (PID) from PSFO is used by Data Integrator. If more projects are to be added in PSFO and subsequently saved to Data Integrator, always ensure that a new project entry is created in PSFO and user does not edit the old project to create new projects because this retains the old PIDs and causes conflicts in data indexing and incremental indexing.</p>
4	Log Viewer	<p>If trace name and the unit of measurement is missing for some Studio/ProSource well logs in the Log Viewer when displayed in Internet Explorer.</p> <p>This occurs when trace name / UOM exceed length of 45 characters.</p> <p>Workaround: Use Google Chrome.</p>
5	Data Table in Internet Explorer only	<p>The Feature Chooser icon is not visible in Internet Explorer in the Detailed View. This is because of the fact that "RobotoRegular" font is not downloaded automatically.</p> <p>Workaround:</p> <ol style="list-style-type: none"> 1. Go to Internet Options in Internet Explorer browser. 2. Open Security tab. 3. Under Security tab, click Custom Level.

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Serial Number	Affected Feature	Issue or Limitation
		4. In Security Settings , scroll down to Downloaded and toggle on Enable Font Download .
6	Data Table	When UWI does not exist in Studio, UWI displays as well name in Detail View for Studio Log, Checkshot and Marker attribute. Workaround: Before data indexing from Studio, make sure that all the wells have proper UWI.
7	Data Transfer	Checkshot data with 'No Name', when transferred from ProSource to Studio will be tagged as "preferred" in Studio. Workaround: Make sure that all the checkshots in ProSource are properly named before transferring it to Studio.
8	Data Transfer-ProSource to Studio	When transferring a well from ProSource to Studio, with checkshot(s), then OWT logs are created with blank start and end depth fields in Studio. Workaround: Manually delete the empty OWT logs from Studio.