Geofacets Connector for Petrel™ and Studio™

Testing Documentation Summary

Version 2016.1.0.1
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Release Information and System Requirements

The following table provides a release summary of the Geofacets Connector for Petrel and Studio plug-in.

<table>
<thead>
<tr>
<th>Country of Origin</th>
<th>United States</th>
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<tbody>
<tr>
<td>Release date</td>
<td>2/2017</td>
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<tr>
<td>Version</td>
<td>2016.1.0.1</td>
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<tr>
<td>License Feature Name</td>
<td>OCEAN_ELS_GEOFACETS_CONNECTOR</td>
</tr>
<tr>
<td>Public Key</td>
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Supported Versions

Geofacets Connector is supported on Microsoft® Windows® 7 Professional (64-bit) operating systems and supports all versions of Petrel 2014, Petrel 2015, and Petrel 2016.1 as well as Studio 2014 and 2015.

Introduction and Overview

With the Geofacets Connector, you gain access to hundreds of thousands of georeferenced geologic maps sourced from trusted publishers such as Elsevier, Geological Society of London, Geological Society of America, Society for Sedimentary Geology, and Society of Economic Geologists.

Maps are easily discoverable using the Geofacets Connector’s intuitive search features, and each map contains a link to a read-only PDF of the source article for added context and insight. Integrate relevant maps directly into your 2D and 3D Petrel platform projects to help validate proprietary models with external insights, learn more about the geologic characteristics of an area, and more.

Geofacets Connector for Petrel and Studio allows the innovative features and content of Geofacets (www.geofacets.com) to be accessible from within the Petrel E&P software platform.

Geofacets Content

As mentioned in the previous section, with the Geofacets Connector, you gain access to over 675,000 georeferenced geologic maps (and associated data) sourced from over 250,000 articles published in over 100 market-leading geoscience scientific journals and publications from the following publishers:

- American Geophysical Union
- The Geological Society of America
- The Geological Society of London
- SEPM Society for Sedimentary Geology
- Society of Economic Geologists
- Society of Exploration Geophysicists
- CNH / SENER

To see a complete list of Geofacets Journals and data type visit:

Overview of Features and Functionality

The Geofacets Connector brings all the unique features and functionality offered through the web-based application to Petrel and Studio, enabling geoscientists working in exploration to search, discovery and integrate hundreds of thousands of scientific maps from peer-reviewed literature, which can be loaded into your Petrel project with the click of a button.

The Geofacets Connector delivers:

- Trusted, curated content base with hundreds of thousands of peer-reviewed geologic maps sourced from over 100 leading scientific journals and publications in one platform, updated weekly
- Location-based, keyword, and advanced search features that are developed specifically to find relevant content quickly and effectively
- Links to associated full-text articles that provide additional insight and context for content
- Ability to integrate and load georeferenced maps as custom domain objects directly into Petrel projects
- Ability to save searches and set up alerts that make it easier to stay up-to-date with the most recent published maps and information available

With the Geofacets Connector, exploration has never been more seamless.

Domain Objects

The Geofacets Connector enables users to load georeferenced maps directly into their Petrel projects as custom domain objects. However, the Geofacets Connector plug-in does not modify any native Petrel data in Petrel user’s project.

Third-Party Libraries and Unmanaged Libraries

The following unmanaged .dll is deployed by Geofacets Connector 2016.1.0.1 and the following third party libraries are used in the plug-in:

Microsoft.CSharp
Slb.Ocean.Studio.Find
System.Activities
System.Web.Extensions
System.Xml.Linq
OIV.Inventor
OIV.Inventor.Base
OIV.Inventor.SbLinear
PresentationCore
PresentationFramework
Slb.Ocean.Basics
However, no 3rd party libraries require additional installation.

**What’s New**

- Plug-in version 2016.1.0.1
- Release date: February 2017
- New functionality: Not applicable
- New content: Addition of approximately 100,000 maps
- Issues and/or bugs resolved: see below

**Known Issues**

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<tr>
<th>Date/Version</th>
<th>Issues</th>
<th>Notes</th>
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<tr>
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Support and Resources

If you have any questions or issues, please email us at GeofacetsConnector@elsevier.com.