

Studio Manager

Data management workspace for the Studio E&P knowledge environment

APPLICATIONS

- Managing the Studio* E&P knowledge environment

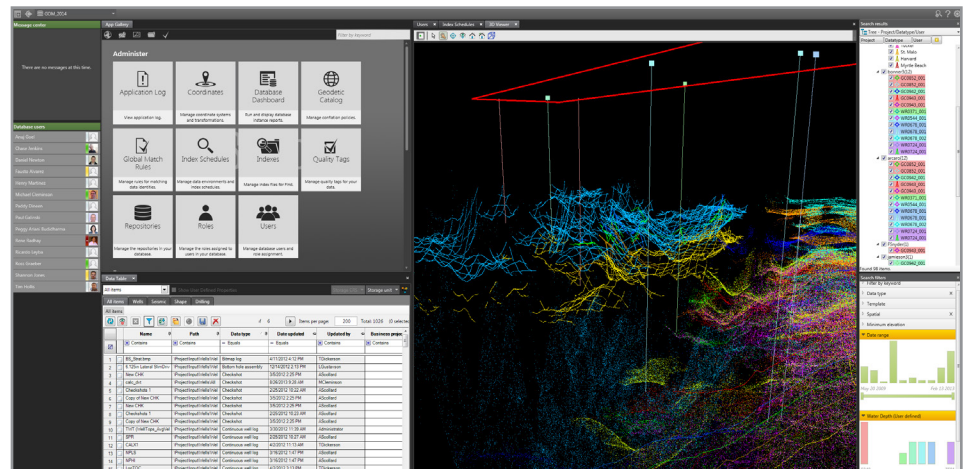
BENEFITS

- Enable data managers to directly interact with the asset team
- Eliminate data duplication using a single, scalable channel to handle data
- Visualize and search data from the Studio data environment in the context of your 2D and 3D canvases
- Develop custom applications for Studio Manager with the Ocean* software development framework

FEATURES

- Customizable role-based data access
- Unified installer with prerequisite check
- Repository Admin role, enabling limited management rights per repository
- Global match rules to ensure the integrity and quality of data in the repositories
- Visualization and filtering capabilities for large quantities of data
- Lists search results in a tabular format with thumbnails to quickly preview results
- Square charts to filter categories with numeric values
- Related Items filter, to search all data items related to a specific object
- View, filter, and edit custom user attributes for well or seismic data
- Enhanced well reference data organizing tools

The Studio Manager application enables data managers to capture and retain knowledge within the Studio E&P knowledge environment and deliver the necessary results to the asset team. Data managers can also ascertain the status of repositories, review recent user activity, identify tasks to be performed, and proactively support asset team members.



Studio Manager provides a centralized and integrated environment that facilitates data administration.

Studio Manager provides data-access controls and security to the scalable Studio database, supported by industry-standard technology (Oracle and Microsoft SQL Server). The Studio database supports users of the Petrel* E&P software platform working in multiple coordinate systems and provides a rich back-end for multiple users to simultaneously interpret and safely share data. The smart synchronization system and locking mechanism detects change conflicts and prevents data from accidentally being overwritten.

Full environment administration

Studio Manager enables data managers to accomplish all administration activities for the Studio environment, providing simple, intuitive data visualization, notification, and synchronization workflows.

Designed for purpose database

The Studio environment provides a robust database solution that supports geophysical and geological interpretation workflows in the Petrel platform. It also facilitates a multiuser, concurrent access project environment and, provides scalability over large data sets and users—a key element for unconventional and exploration workflows. Integrating natively with the Petrel platform, it provides simple, intuitive data visualization, notification, and synchronization workflows.

The database supports Petrel users who are working in multiple coordinate systems. Coordinate and unit conversions are done dynamically as the users share the data through the database. It also allows data consolidation and collaboration across multiple seismic reference datums.

Intuitive administration tools

The integrated environment of Studio Manager makes it easy for administrators to manage the Studio database and its repositories. It also minimizes data duplication by providing a single, scalable channel to handle data.



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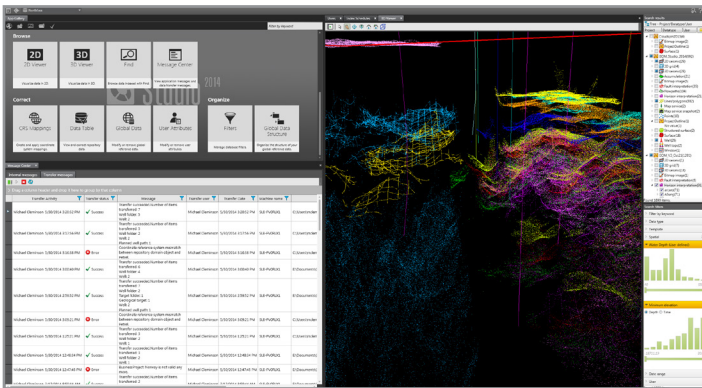
The new Repository Admin role in Studio 2014 enables data managers to grant limited management rights to data administrators, providing a secure environment for administrators to access only the repositories they are assigned to.

To ensure the integrity and quality of data in the repository, data managers have the ability to apply data-matching rules based on attributes other than the global unique identifier (GUID). The Studio database applies match rules when a Petrel user sends well or seismic data into the repository—data managers then use the Global Match Rules app to define match rules at the database level or define local match rules that apply only to the selected repositories.

Capturing knowledge throughout the life of the field is critical for asset teams. Studio Manager provides the ability to create repository milestones using the available milestone attributes and, with the snapshot feature, preserve the data in repositories that have completed a specific milestone or life-cycle stage, for example when the decision was made to drill. Administrators can also perform full repository copy, backup, and recovery functions.

Proactively manage your asset team data

Studio Manager provides data managers with the communication and data-browsing tools required to proactively manage asset data. This enables data managers to stay informed as to the status of users' repository connections and data transfers.



Quickly browse data using powerful filtering and visualization tools.

To guarantee the most productive experience for Studio database users, data managers are able to apply repository-level control for transfer messages for individual repositories, enabling them to keep track of key repositories. With intuitive visualization and filtering capabilities for large quantities of data, data managers can quickly browse data across different sources. Data can also be visualized 2D and 3D viewers with geographical context via maps.

The 2014 release of Studio Manager provides additional enhancements to search tools. The new View Content display option in Studio 2014 allows search results to be listed in a tabular format, showing the names of the object and a thumbnail image, allowing data managers to quickly preview the search results.

Provide a quality environment that promotes collaboration

Studio Manager provides a complete set of tools to enable data managers to identify data issues or inconsistencies, and easily correct them. Data managers can display data in the repository they are connected to in a table view and use repository and Find filters to narrow the results—if required, data can be corrected directly from the results.

Studio Manager provides powerful tools for managing global well logs. Error identification, duplications, and other problems are corrected by merging, deleting, renaming, or changing the template associated with them—when a change is made, all dependent data items are updated accordingly.

Maintain an organized environment

Studio Manager provides a set of tools to organize your team's data. Data managers can reorganize data in the repositories by moving data items to the desired folder, for better classification and control. With enhanced well reference data organizing tools, they can sort, rename, delete, and move Global well logs, as well as rename and delete of Global Well log, folders in the repositories.

Additionally, filters can be created and used to administer the repository data. Data managers can create and select a filter to quickly find and narrow the results displayed in other applications. This same capability can be used to create 'team filters'. These filters can then be made public, allowing users to filter the data in the repository they are interested in directly from the Petrel platform, or create subscriptions and provide instant awareness of updates made across their project.

Extend the capabilities of Studio Manager

The Ocean* software development frameworks enables software developers to create and deploy plug-ins to extend the Schlumberger software platforms. With the Ocean framework for the Studio environment, it is possible to create custom applications for Studio Manager that automatically integrate with existing workflows. By dynamically extending the Studio environment, you can address new challenges which allows you to accelerate the ability to find, manage, and share information within the Studio environment.

Create a more productive environment

Studio Manager lets data managers interact directly with the asset team, truly impacting the core value generation activities of the team. Unlike traditional tools that support managing data in a database, Studio Manager allows data managers to ensure a more productive experience among Petrel users, letting them share not only data but also interpretations and related knowledge, thus improving collaboration and productivity across the team.



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