



Data Sheet

ANJANA DATA V4.0

Release Date - 2020 / 10 / 02

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■ CORE Metamodel 3.0:

➤ New comprehensive CORE Metamodel integrating both Business Glossary and Data Catalog metamodels which will give the organization full flexibility in creating new types of objects not only for the Business Glossary but also for the Data Catalog with their own attributes based on dynamic forms.

➤ Possibility to establish different types of relations between objects at any level not only from the objects within the Business Glossary but also from the ones within the Data Catalog.

➤ Possibility to create new types of entities with their own attributes based on dynamic forms. The administrator may create as much types of entities as wanted (i.e. metrics, reports, business rules, data quality rules, KPIs, ...).

■ Unified best-in-class UX & UI for the whole application:

➤ Single UX & UI for both Business Glossary and Data Catalog with just one Login & Home Page and all modules placed under the same UI structure.

➤ The application has evolved into a more intuitive design to improve UX with new “Actions” buttons and links to enhance navigation between objects, views and modules.

➤ Seamless navigation between any related objects, offering an intuitive trip from business side to IT world there and back.

➤ New improved Data Portal & Marketplace along with new views for every type of object within the Data Catalog (Datasets, DSAs, Processes, Instances and Solutions).

➤ Enhanced view for every object where important and most recent information related to the object is being displayed in its main view and then all the information is structured under navigable sections (Properties, Relations, Lineage, History, Audit, Versions, ...).

➤ Unified views for Workflows, Audit and Notifications modules, respectively.

➤ The new assistant wizard is also extended for the creation of objects within the Data Catalog, leveraging an easiest way for a guided importation of metadata directly from data platforms using available and configured drivers.

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■ Lineage & Impacts visualization:

- New graphic library based on an open-source 3D physics engine with extended features and improved capabilities to visualize the whole map of objects and relations within Anjana Data metamodel.
- New visualization of impacts when editing an object:
 - Any user with the corresponding permissions and privileges will be notified of all direct and indirect impacts when editing an object.
 - The number of levels for indirect impacts calculation may be chosen in order not to result in bad performance issues.

■ Improved Data Marketplace experience:

- The whole UX & UI of the Data Marketplace experience has been redesigned in order to reduce the steps that a user needs to perform to request access to data in a fully governed and controlled environment with Data Contracts being in place.
- Possibility to include in the Shopping Cart not only Datasets and DSAs but also Business Terms from the Business Glossary. If the selected Business Terms are related to any DSA, the user will be able to request access to the corresponding data by signing the required Data Contracts so the whole process may be automated end-2-end.
- The user will be able to request adherence to a DSA directly from the Data Portal or any view where the DSA is being displayed using the “Actions” button without the need of going through the Shopping Cart process and just by signing the required Data Contracts.
- Improved widget to easily interact with the Shopping Cart from any view within the application without the need of going through the whole process.
- The corresponding views and processes have been adapted to simplify the whole Shopping Cart experience for the user when requesting access to the data.
- New “Request New DSA” workflow to leverage the control and follow-up of this process.

■ New Admin & Configuration Portal:

- More intuitive and easy-to-use Panel to configure all the features within Anjana Data including the whole governance model and catalogs for reference metadata.
- Integrated tool for the visual design of workflows for Hermes (validation workflows engine based on Activiti BPM within Anjana Data architecture) including drag-and-drop capabilities to ease workflows configuration.

■ Back-end & Architecture improvements:

- Improved module, now called Quartz, for the batch execution of internal processes (i.e. objects expiration, housekeeping, calculation of severity for notifications, ...).

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■ New native integrations:

- New native integrations are being developed to perform different kinds of interaction from Anjana Data to the technologies used within data platforms.
- Metadata harvesting and importation, sample data querying, active governance, and dynamic data lineage capture (when applies) will be possible over the following technologies:
 - » Microsoft Azure:
 - Azure Databricks (Final version).
 - Azure Data Factory (Beta version).
 - Azure PowerBI (Beta version).
 - Azure Synapse (Beta version).
 - » AWS:
 - AWS Lake Formation.
 - AWS Redshift.
 - AWS Athena.
 - AWS EMR (Beta version).
 - » Snowflake (Final version).
 - » GCP :
 - GCP IAM.
 - GCP BigQuery.
 - GCP CloudStorage.



THE DATA GOVERNANCE SOLUTION FOR THE BIG DATA & MULTI-CLOUD ERA

Anjana Data C/ Alameda, 22, 28014 Madrid
www.anjanadata.com | info@anjanadata.com