



# Data Sheet

## Anjana Data V4.2

Release Date: 2021/05/24

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## ➤ CORE Metamodel

- New types of attributes have been added to the dynamic forms allowing the administrators and users to include them within the metadata templates for any object (i.e. entity, multiselect, arrays, ...).
- New rules may be configured for different types of attributes within the metadata templates for any object (i.e. dependencies between metadata attributes with type select and multiselect).
- Possibility to add multiple files of any format as attachments within the metadata attributes for any object.
- Improvements in the support for multilanguage in the dynamic forms within the metadata templates.

## ➤ UX & UI

- New Data Portal covering both Business Glossary and Data Catalog with an enhanced and unified view allowing users to look for any object within the metamodel from the same UI and under the same UX.
- Enhanced view of the Filters tab available in the Data Portal allowing users to filter by any metadata attribute within the metamodel in an easier way.
- Improvements in the UX&UI in the Creation Wizard simplifying the creation process for new objects to the users.

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#### ➤ Preconfigured batches

- New advanced capabilities to configure and activate the following batches for automating data management tasks:
  - Automatic expiration of objects when the defined date has been reached.
  - Possibility to configure the notifications which will be automatically sent to the corresponding stakeholders when an object is close to expiration.
  - Possibility to configure the frequency of execution for the synchronization batch to establish the stakeholders for every object within the metamodel based on the users' roles as established in the corresponding identity management system used for authorization in Anjana Data.
  - Possibility to configure the frequency of execution of an indexing mechanism to synchronize database and Solr which is then used in the Data Portal's search engine.
  - Possibility to configure the frequency of execution for the synchronization batch to establish the cross-domain users as established in the corresponding identity management system used for authorization in Anjana Data.

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## ➤ Back-end & Architecture improvements

- Technical improvements have been developed resulting in a better performance of the whole solution as well as easing the configuration and maintenance from the administration point of view.
- The following improvements have been performed in the back-end modules of the architecture:
  - Minerva: Refactor of some classes used in the internal SolR indexer achieving better performance when searching for objects within the Data Portal.
  - Hermes: Implementation of new classes from Activiti open-source BPM following the standard BPMN2.0.
  - Zeus: Implementation of a new internal OAuth2 client following the standard to facilitate integration with third party Identity Management solutions using Oauth2. Now, Zeus supports the configuration of multiple identity management providers to manage the authorization in Anjana Data.
  - Tot: Refactor of some classes used for the integration with data platforms (metadata extraction, data access management, data structures management, audit logs extraction, data sampling, ...) easing the installation and configuration of the module and the corresponding connectors around it.
  - Tot Plugins: Implementation of a new communications architecture between Tot and the plugins supporting remote deployment scenarios for the plugins.

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- Heimdal: Refactor of some classes used to extract, translate and aggregate audit logs from data platforms achieving a much better performance when dealing with high-volume dynamic lineage from diverse data platforms.
- Heimdal Agents: Enhanced capabilities to capture low-level fine-grain extended technical data traceability from different technologies.
- The following improvements have been performed in the Administration & Configuration Panel:
  - Oauth2 authentication support has been added for the Administration & Configuration Panel.
  - Online validation of edited validation workflows is now enabled from the workflows graphical designer included in the Configuration Panel.
  - Online deployment of validation workflows is now enabled from the workflows graphical designer included in the Configuration Panel.
  - S3 buckets (using Minio by default) are now used by Anjana Data Front-End as CDN to store static customizable web content like icons, translations or css files.



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