



**Easily collect and exploit your scientific data
Share and collaborate across your organization.**

InquiRO version 3.2 – October 2019

Toulouse – October 2019 : DEXSTR, today announced the availability of Inquiro Version 3.2. This is a new version of our software. It comes with the following major enhancements that makes Inquiro V3 the Insight Engines for Life science.

Inquiro V3.2 New features

Visual improvement of search result: find your data quicker

- **Document preview:** in the Result page of Inquiro in order to make easier the document identification, a thumbnail is displayed for each office & pdf document. In addition, clicking on the thumbnail, the document is opened (when accessible) allowing the user to read its content without downloading it.
- **Browse across the fragments:** the tens first fragments containing the searched term are available in the result page. The user can browse across them to see them in their context.
- **Metadata section:** the metadata section has been cleaned for easier reading

The screenshot shows the Inquiro search results page for the query 'cancer'. The interface includes a search bar at the top with the query 'cancer' and navigation links for 'HOME' and 'DARK'. A sidebar on the left lists various filters such as 'Creation date (3/3)', 'Creator login (7/8)', 'Diseases (0/300)', and 'External link (0/90)'. The main content area displays two search results:

- Result 1:** 'breast_cancer.pdf' by David Peyruc, dated 09/25/2019, with 140 hits. The preview shows text from 'Comprehensive Cancer Institute, Cedars Sinai Medical Center, Los Angeles, CA, USA' and 'Margarete Fischer-Bosch-Institute of Clinical Pharmacology, Stuttgart'. Metadata includes 'File extension: pdf', 'File Type: application/pdf', 'Human Disease Ontology: cell type cancer organ system cancer cancer', and 'NCBI: Cancer'. A 'predicted_metadata' section lists 'breast_cancer breast cancer breast cancer'.
- Result 2:** 'FR-Cancer-de-l-Estomac-Guide-pour-les-Patients.pdf' by dark dark, dated 09/11/2019, with 106 hits. The preview shows text in French: 'Qu'est-ce que le cancer de l'estomac? Laissez-nous vous expliquer. Cancer de l'estomac ESMO/FAC Patient Guide Senes basés sur les recommandations'. Metadata includes 'File extension: pdf', 'File Type: application/pdf', 'Human Disease Ontology: cell type cancer organ system cancer cancer', and 'NCBI: Cancer'.

Clearer monitoring: understand issues faster

- The admin page evolves to ease the admin activities
 - o An overview of the overall platform
 - o A status on the annotation engine process
 - o A status for each connector
 - Main information is displayed per connector
 - Green front indicates that the connector is up and running
 - Red front indicates an error on connectors
 - Detailed information is displayed on demand

The screenshot displays the Inquiro administration dashboard. On the left is a navigation menu with sections like 'User management', 'Customization', 'Configuration', and 'Audit trail'. The main content area is divided into several panels:

- Collections status for http://localhost:8983/solr/collection1**: Shows 'Last modified' as 10/24/2019 08:24:34, 'Num docs' as 10508, 'Max doc' as 101374, 'Deleted documents' as 23508, and 'Heap Memory Usage' as -1.
- Automatic annotation**: Shows 'Update' as 20/21/19 10:04, 'Active' status, and 'Quarant files' and 'Quarant labels' both at 0.
- JConnector status on Experiment Demo**: Contains three sub-panels:
 - Experiment Demo**: Update 14/22h 20m 10s, Last synchronization 04/10/2019 08:58:54.
 - Experiment Demo CMS connector**: Update 20/10h 27m 51s, Synchronization frequency every minute, Connected sources 2 / 2 running.
 - Experiment Demo FS connector**: Update 02/17h 12m 54s, Synchronization frequency every 10 minutes, Connected sources 3 / 3 running.
- JConnector status on Project Demo**: Update 02/17h 11m 47s, Last synchronization 04/10/2019 08:21:45.
- JConnector status on RPMD**: Update 02/17h 11m 47s, Last synchronization 01/10/2019 20:10:38.
- JConnector status on IMDB**: (Header visible).

On the right, a 'Detailed status view' window shows a complex JSON configuration for a connector, including fields like 'name', 'update', 'active', 'quarant_files', 'quarant_labels', 'synchronization_frequency', 'connected_sources', and 'sources_status'.

Metadata management: adapt inquiro interface in few clics

In the admin page in section Metadata, the management of the metadata to display is easier. For the same metadata, the administrator can select it will be displayed through the search engine (Solr), in the Dashboard, in the Graphs or in the Dynamical views

The screenshot shows the 'Metadata' management section in the Inquiro admin interface. It features a table with columns for 'Metadata', 'Facets', 'Highlights', 'Advanced search', 'Dashboard', 'Relations graph', 'Heatmap', 'Distribution graph', and 'Dynamical views'. Each cell contains a checkbox to enable or disable that feature for the corresponding metadata field.

Metadata	Facets	Highlights	Advanced search	Dashboard	Relations graph	Heatmap	Distribution graph	Dynamical views
dynamic_fields	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
actors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
age_group	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
athresco_cmsObjectType	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
athresco_creationDate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
athresco_description	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
athresco_lastModificationDate	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
athresco_objectId	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
at_compounds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
anatomy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
answer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
arm	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
assay_provider	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
associated_diseases	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
biochemical_processes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
biomarker_type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
biomarkers_type	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
biosource	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
budget	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Relaunch prediction

As a new feature, it is now possible to relaunch the prediction on a file or a container. This can be used when new values of a dictionaries have been submitted and need to be taken into account for documents already in the system. This feature is restricted per instance and associated to the Edit permission for prediction's resource.

HTTPS connectors: allow cloud hybrid deployment

It is now feasible to securely connect data sources (files share, ELN, GED systems...) hosted on another network domain than Inquiro is. This is mandatory to deal with health data for instance, that need to be securely managed.

Configuration enhancements

Template management becomes easier to manage. You can now enrich your template with custom fields fulfilling a dedicated visual form. Template versioning has been considered in this new version.