



Text Analytics: Release Notes

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European Chemicals Agency

Mailing address: P.O. Box 400, FI-00121 Helsinki, Finland

Visiting address: Telakkakatu 6, FI-00150 Helsinki, Finland

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1. Introduction

Please also refer to the [Frequently Asked Questions](#) on the IUCLID website for known issues, and if relevant, workarounds and advice on how to handle such issues.

The release notes highlight changes compared to the previous published version of IUCLID Text Analytics.

In the next sections, new features and improvements are identified by the labels **NEW** and **IMP** respectively. Bug fixes are labelled **FIX**.

2. Version 3.8.0 (February 2022)

NEW [TA-1104] development of a fully packaged installer for industry (windows only)

An installer for Microsoft Windows is provided. The installation process now consists of providing a user in an Oracle database, configuring IUCLID, and running the installer. IDP authentication is supported.

Ref. 232402

NEW Log4jshell TA impact analysis and actions

The application was updated so that it is not affected by the Log4jshell vulnerability.

Ref. 655182

NEW Adjust TA indexing configuration for industry installations

The default configuration of the indexing queues has been revised and set to a rate that can be acceptable even for low-resource machines.

Ref. 232402

NEW Configure the user groups default values

An Administrator is able to configure the default IUCLID user group values via the "Properties" page.

Ref. 652084

NEW Add IUCLID "User Groups" information in the export file

The user can view, in the exported file "Query" sheet, the user groups being selected for the ongoing search

Ref. 639614

IMP By default, users only get results from default user groups

The user can view, in the exported file "Query" sheet, the user groups being selected for the ongoing search

Ref. 639614

IMP Revisit the use of logical operators upon search

The query language defined in Text Analytics is now stricter to protect both users and the system from syntactically erroneous queries followed by unexpected results. This means that some

previously used syntaxes are not supported anymore, and they need to be written in a more verbose but syntactically correct way. Examples provided in Appendix D of the manual.

Ref. 650977

IMP Rename Basic and Advanced search

The “Basic search” window has been renamed “Query builder” and the “Advanced search” window has been renamed “Search”, in order to clarify each window’s specificity for the user.

Ref. 639614

FIX Label suggestions have occasionally wrong section when editing the input keyword

Ref. 647005

FIX Incorrect results when we have parenthesis AND OR in the query

Ref. 651439

FIX Reset Button in Search scope non functional

Ref. 655181

FIX Filtering misconfiguration options error message is erroneously displayed

Ref. 652245

FIX Aggregation options do not load

Ref. 652676

FIX Reset button sets the user groups to select instead of the default ones

Ref. 652760

3. Version 3.7.2 (13 December 2021)

IMP Impact assessment due to the IUCLID Oct (2021) release

Text Analytics was made to be compatible with the new format of IUCLID 6 that was released in October 2021. The new format is version 6.

Ref. 638184

4. Version 3.7.0 (06 September 2021) – Not released

IMP Improvement of the Basic and Advanced search

The Query Suggest and the Search tabs were replaced by the tabs Basic Search and Advanced Search. Basic Search allows structured Boolean logic to be created in a way that is limited, but forces the correct syntax. Queries created under Basic Search can be copied over to the Advanced Search for refinement. The Advanced search includes a syntax checker, and an auto-complete function that offers selections of terms to insert that are syntactically correct in the current context.

Ref. 639537

IMP Prevent users from executing queries when the state of the system may result in incomplete results.

If it is known in advance that the state of the system would result in incomplete results, certain queries cannot be run.

Ref. 233324

IMP Searchable fields - type of analyser used

Column added to right that states the type of analyser used.

Ref. 233585

IMP Upgrade Wildfly to v19.1

Wildfly is the application server in which TA runs. It was upgraded to v19.1.

Ref. 635328

5. Version 3.6 (06 March 2021) – Not released

IMP Change language codes from uppercase to lowercase

For compliance with ISO 639-1, the language codes were changed from uppercase to lowercase.

Ref. 233187

IMP respect fully IUCLID security model (implementation)

Searching in specific Security Groups was added under *Search scope*. For more information about Security Groups, see the user manual that is available in the interface of IUCLID. See the section on Instance Based Security (IBS).

Ref. 233392

6. Version 3.5.0 (07 December 2020) – Not released

IMP Update Oracle 12c to 19c

Compatibility with Oracle database version 19c was introduced.

Ref. 233389 (TA-1623)

IMP Improvements of the export functionality (handling of hierarchies)

Within Dossier metadata for the export of either fields or attachments, it is possible to select hierarchies and level of hierarchy.

Ref. 233392 (TA-975)

IMP Industry version (IDP), implement user roles

Compatibility with user authentication that uses IDP was introduced.

Ref. 233380 (TA-1615)

7. Version 3.4.0 (19 August 2020)

IMP Improve the handling of the hierarchies in the index and the query language (implementation)

The syntax of `joinLevel` was adapted to enable a search for a parent document by its location within a hierarchy.

Ref. TA-1399

IMP Searchable properties should be collapsible

The way in which the searchable properties are displayed was re-organised and the terminology was made more consistent with the rest of the interface.

Ref. TA-1636

IMP Select all button in export pop-up

A function was added to the export window to allow all options to be selected as once.

Ref. TA-1645

IMP Improve the visibility of field labels in the results section

The field labels on the results page were moved from below field values to above them, and the font was changed to contrast with that of the values.

Ref. TA-1383

IMP Performance tuning of Text Analytics

The performance of Text Analytics was analysed which allowed changes to be made to improve it.

Ref. TA-1533

8. Version 3.3.0 (21 June 2020)

FIX Duplicate rows returned in the export file and other remarks on snapshot_uuid

Ref. TA-1484

FIX Exception upon uploading external content with mode 2 - Upload works OK

Ref. TA-1488

IMP Information Disclosure and Verbose error messages. The response to bad HTTP requests has been made generic and thus more secure.

Ref. TA-1443

IMP Searches fail - IUCLID Submission types incompatibility. Introduced compatibility with the dossier type SCIP.

Ref. TA-1576

IMP Update Wildfly version. The version of Wildfly is now 13.0.0. The old version was 10.1.0.

Ref. TA-1502

8.1. Indexing

IMP Indexing when IUCLID Server is down. Confirmed that stopping and starting the IUCLID application does not affect indexing.

Ref. TA-1564

IMP Functionality to gracefully stop the indexing process. For large numbers of dossiers, indexing can take so long that it is necessary for it to be paused whilst maintenance activity is carried out on

the server. The ability to do that has been added to the administrator interface. See the sub-tasks below.

Ref. TA-1427

8.2. Security

FIX User can view IUCLID content although he has no access to IUCLID when user is suspended

Ref. TA-1267

IMP Security assessment findings (part 2)

Ref. TA-1553

Sub tasks of TA-1553

IMP Security Enhancement on HTTP Response Headers

Ref. TA-1440

IMP Insufficient access control - IUCLID end point record hierarchies

Ref. TA-1549

IMP Insufficient access control - Upload of new help file. Access to this functionality can now be limited per user.

Ref. TA-1548

IMP Retrieval of content for user that has no IUCLID account

Ref. TA-1467