



Information Integration Platform (IIP)



Demo walkthrough

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Draft



Preface

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When using the IIP, you accept the [end user license agreement](#) (EULA) described on the CLE website.

Document version

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2 Introduction

The Information Integration Platform (IIP) provided by [CropLife Europe](#) is a companion tool for [IUCLID](#). IUCLID (International Uniform Chemical Information Database) is a software application to record, store, maintain and exchange data on chemical substances. IIP can be used for submissions in the context of crop protection, but also beyond, within the limits of supported IUCLID functionality.

2.1 Scope of this document

This document is a side document to the IIP user manual and is a demo walkthrough script. Whereas the IIP user manual is more of a detailed reference manual, this document is to demonstrate the main use case scenarios with simple and brief examples. The complete details are omitted and can be found in the IIP user manual



3 How to obtain the IIP?



IIP ▾ CADDY-XML ▾ DOSSIER TABLE OF CONTENTS ▾ GHSTS ▾ ESubmission TOOLS ▾ DOWNLOAD ▾ ABOUT US ▾ 🔍

Information Integration Platform

The Information Integration Platform (IIP) from CropLife Europe is a platform to supply additional data import and update services for IUCLID, that the IUCLID native web interface does not supply.

Note: The former name "IUCLID Integration Platform" was changed in 9/2024 upon legal concerns by ECHA.

The IIP supports the following main use cases:

- Efficient data entry and navigation via the IIP web interface
 - supporting either direct editing or copy/paste of content into all types of fields, using business values instead of IUCLID internal UUIIDs. Complete ranges of field content can be copied / pasted at once.
 - Value entry support with advanced editors
 - show the available options, where IUCLID restricts the entries (e.g. picklists, ranges, quantities)
 - Support typeahead and partial matching for picklist values
 - Keyboard support for navigation between fields to reduce time-consuming mouse movements and events
 - Improved display of the structure and the contents of IUCLID documents, by supplying a clickable, searchable and configurable document outline
 - Data import or export in IEF format (IIP Exchange format) for the most relevant IUCLID entities and documents. This format supports data representations close to applicant inhouse systems, where IUCLID

News

► IIP version 1.7.0 released

Nov 30, 2024 – check the release notes!

► Registration for downloads introduced

In order to be able to download software and related assets, please register once. You will get the complete download links immediately.

► Focus of future software support

The eSEG group within Crop Life Europe has decided in February 2023 to promote the software support around IUCLID and focus the further development of [...]

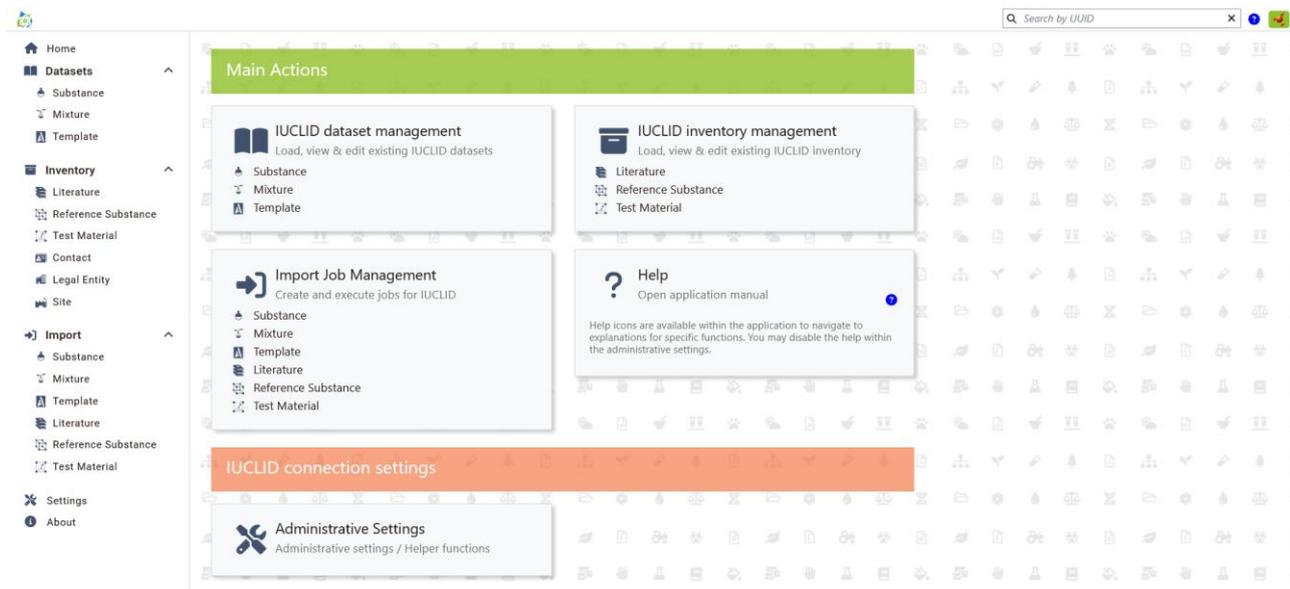
Steps to follow

- The IIP and associated material can be obtained free of charge from the site <https://esubmission.croplifeeurope.eu/iip/> after registration. There should be only one registration done per company.
- For more details about IIP see the information on the website
- CropLife Europe provides limited technical support of the IIP, but does not provide installation support or integration support. For details please see the End user license agreement (link below).
-

Further information

- eSubmission registration (required for download of IIP and manuals)
 - <https://esubmission.croplifeeurope.eu/registration-for-download/>
- Available after registration:
 - IIP server
 - IIP installation manual
 - IIP release notes
 - IIP user manual
 - IEF manual (IIP Exchange Format)
- Legal notice: <https://esubmission.croplifeeurope.eu/legal/>
- End user license agreement: <https://esubmission.croplifeeurope.eu/legal/eula/>
 - "... All programs and files that can be downloaded from the CropLife Europe eSubmission website are provided "as is" without warranties of any kind, either expressed or implied. The entire risk as to the quality and performance is with the user...."

4 Get started with the IIP



Steps to follow

- Get the IIP server installed by your IT staff (see the installation manual)
- Get the base URL for the IIP server from your IT staff and type it into your web browser. You should see a screen similar to the above
- Bookmark the URL to access your IIP installation
- For updates, please make sure to check <https://esubmission.croplifeeurope.eu/iip/whatsnew/>
 - Upon startup, the IIP server will check whether there is a new version available and inform you with a pop-up. If yes, make sure to upgrade to the latest version.
- How to get help in case of technical problems with IIP? Please see <https://esubmission.croplifeeurope.eu/contact/>
 - “... Please note that our technical support for the software components is limited to issues directly on the components maintained by CropLife Europe. Although we try to maintain the components for a variety of possible environments, we cannot provide support to resolve company-specific issues. ...”

Further information

- Installation Manual
- Release Notes
- User manual
- eSubmission website:
 - <https://esubmission.croplifeeurope.eu/iip/>

5 Configure IUCLID settings

The screenshot shows the 'IUCLID connection settings' page in the IIP application. The left sidebar contains a navigation menu with categories like Datasets, Inventory, and Settings. The main panel is titled 'IUCLID connection settings' and shows the current connection status as 'IUCLID 6 9.0.0.rc.2 Available Authorized'. Below this, there are fields for 'Connection Url', 'User', 'Password', and 'Proxy'. A 'Logging Interceptor' section is also visible. At the bottom, there are 'Administrative Settings' and 'System Info' sections.

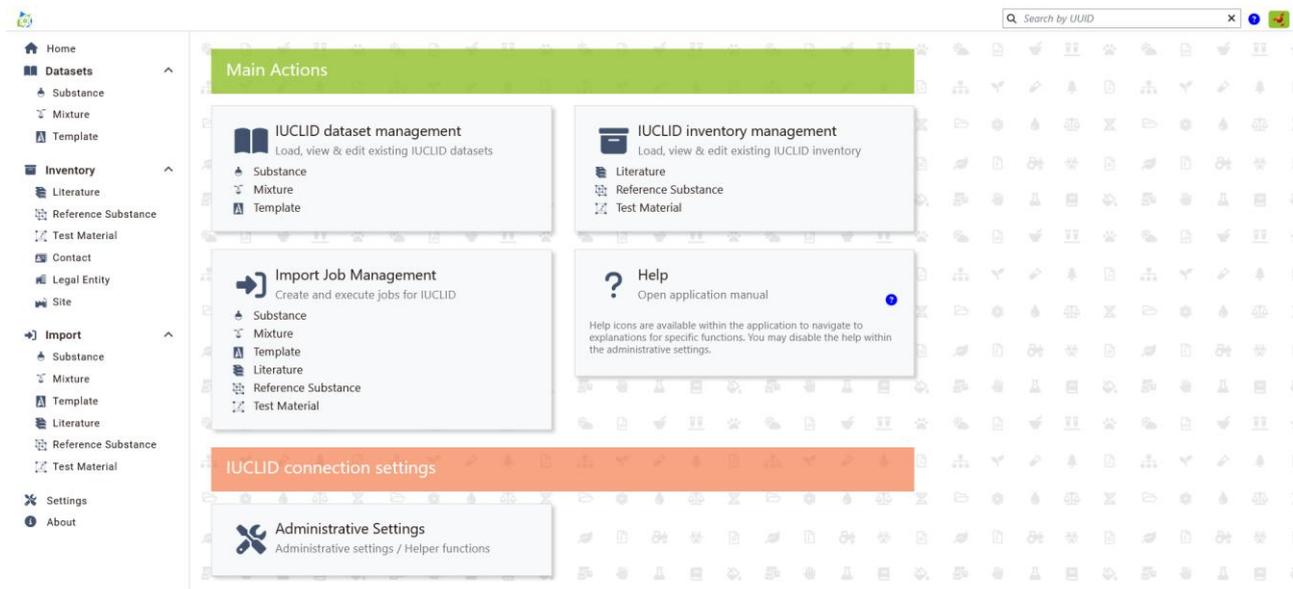
Steps to follow

- Click on the IIP icon  in the upper left corner. This opens the menu bar on the left side.
- Click on settings. You should then see a screen similar to the above
- Click on the wrench icon to modify your IUCLID connection settings
- Enter the connection URL to your IUCLID instance (the part before “/iuclid6-web/dashboard” is sufficient), the username and the password of the IUCLID instance you want to connect to. The user has to be set up in IUCLID before with the appropriate access rights.
- Click save to save the IUCLID connection settings
- The IIP server will try to connect to the IUCLID instance. If successful, the IUCLID version will be displayed, and status lights will be all green (“Available”, “Authorized”).
- Note the additional “Administrative settings” in the lower left pane, you can later modify as needed.

Further information

- IIP installation manual
- IIP user manual, see chapter 4 and 5 “Troubleshooting Tips”

6 Home page / overview

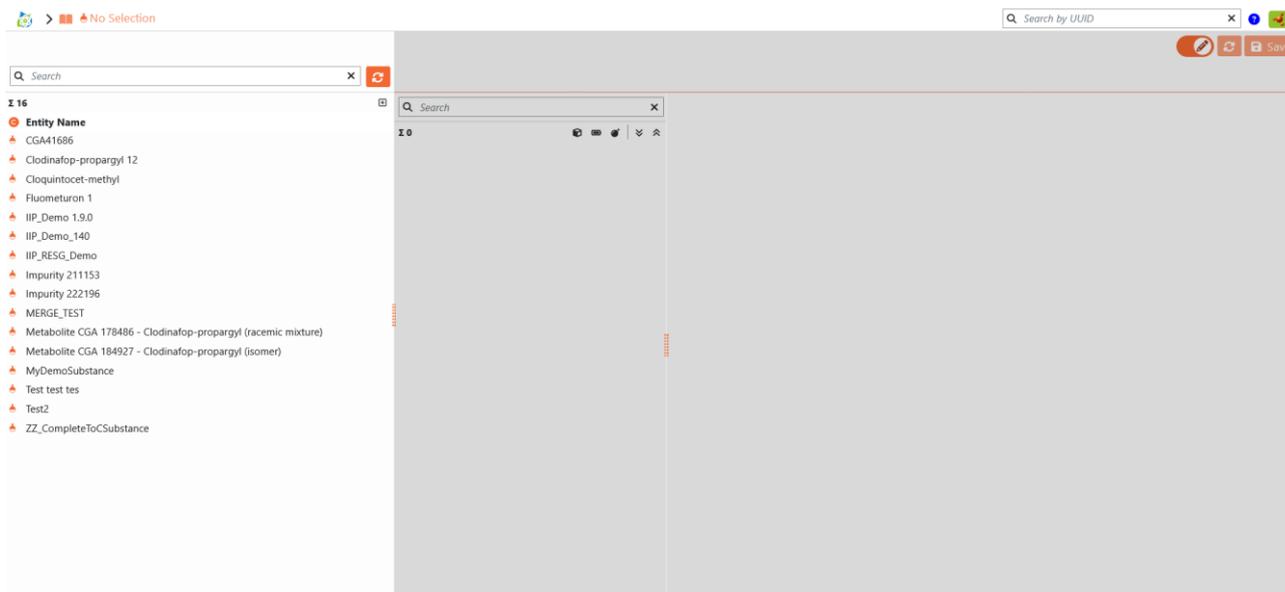


Steps to follow

- Click on the first entry “Home” in the menu bar. The home page of the IIP provides an entry point to the different menu sections (as alternative to the menu bar itself)
 - IUCLID dataset management – to manage substance, mixture and template datasets
 - IUCLID inventory management – to manage literature references, reference substances and test materials
 - Import Job manage – to import (and export) jobs in the IIP Exchange Format (IEF), for the listed entities. You can either import section documents into a selected dataset or import instances of inventory entities into the respective inventory section.
 - Administrative Settings – to set the IUCLID connection details, activate logging between IIP and IUCLID (if needed) and some other miscellaneous settings.

Further information

7 Listing of substances



Steps to follow

- In the menu, click on “Datasets / Substance”. Your URL should now be something like <https://<yourserver>/#/datasets/SUBSTANCE>
- The top bar shows your current location, using icons from IUCLID – here the substance icon. As you have not yet selected any substance, the breadcrumb navigation shows “No Selection” at the end.
- On the left side you see a listing of your substance entities, ordered alphabetically
- You can search for substance names (or their UUIDs)
- The refresh button reloads the list of substances. Please note that any change done in a IUCLID web client or another IIP browser will not automatically display, you will need to manually refresh to see any potential changes since you have loaded the information for the last time. This is true for listings as well as for document content
- The right side is still grey, as there is no selection yet on the left side.
- The access to mixtures and templates is done in a similar fashion.

Further information



8 Selection of substance

The screenshot shows the IIP software interface. At the top, there is a search bar and a 'Save' button. The left sidebar lists various entities, with 'IIP_Demo 1.9.0' highlighted in blue. The middle pane shows a tree view of the substance's structure, including sections like 'Legal entity flags', 'Third party flags', 'Contact persons', and 'Person flags'. The right pane displays the detailed information for the selected substance, including its name, public name, and various flags and identifiers.

Steps to follow

- Click on a substance in the substance listing. The entry will be highlighted in blue, and the substance entity will get loaded and displayed.
- The middle pane is the element navigation pane. In the current case it shows the structure of the substance entity
 - Please note the search bar and the filter options of the element navigation pane
- The right pane shows the content of the selected substance.
- The content is coming directly from IUCLID, IIP does not change the stored content, but for the purpose of simplification can sometimes display the data in a different way.
- You can now edit the substance and save the changes. Changing entities and documents will be discussed in more detail later.
- How to show the documents in the dataset? Note the top bar display, showing “Complete Table of Contents”. This is a clickable entry (as all parts of this breadcrumb display are clickable, both serving as display as well as navigation aid). Click on “Complete Table of Contents”.
- The IIP offers help by providing tooltips when hovering over labels, buttons, part of the breadcrumb etc. Try it out!



9 Dataset display

The screenshot shows the IIP Demo 1.9.0 interface. The breadcrumb path is 'IIP_Demo 1.9.0 > Complete Table of Contents'. The left sidebar shows a tree view of categories, with 'SUBSTANCE IIP_Demo 1.9.0' selected. The central pane displays a hierarchical list of items, including 'Substance name', 'Public name', 'Other substance identifiers', 'Legal entity flags', 'Third party flags', 'Contact persons (1/1)', 'Person flags', 'Identification of substance', 'Reference substance flags', and 'Type of substance'. The right pane shows detailed information for a selected item, including 'Substance name', 'Public name', 'Other substance identifiers', 'Legal entity flags', 'Third party flags', 'Contact persons (1/1)', and 'Person flags'.

Steps to follow

- After clicking “Complete Table of Contents” in the breadcrumb, this part becomes orange to indicate, that this is what is currently in display
- The left pane changes to the working context display.
 - The topmost sub pane allows to select between the available working contexts for the current substance. The assignment of working contexts to datasets must be done in IUCLID, the IIP then provides this as selection.
 - Also in the topmost sub-pane, you can switch to / back from a linear listing (instead of tree display) and refresh the complete contents of the left pane
 - The sub pane below allows you to select a custom view (this is a specific IIP concept). This allows to filter for documents as well as for displayed fields in those documents. The IIP comes with a predefined list of custom views that can be modified as needed (see the IIP user manual and the installation manual)
 - The button next to the custom view selection provides access to the IEF export functionality: The currently selected documents can be exported in one of the two available IEF flavours, in CSV-type or XML type.

Further information

- Make sure you understand the IUCLID functionality of a working context, being a) a filter on documents; and b) a display in hierarchical form.
- Please note that IIP does not support specific and rare concepts (CUSTOM_ENTITY, CUSTOM_SECTION), some documents may appear different in IUCLID than in IIP. Please see the user manual chapter “Constraints and limitations”

10 Working context navigation

The screenshot displays the IIP Demo 1.9.0 interface. The top navigation bar shows the current path: Complete Table of Contents > Estimation of concentrations in ground water 121. A search bar is located in the top right corner. The left sidebar contains a tree view of the document structure, with 'Estimation of concentrations in ground water 121' selected and highlighted in blue. The main area shows a table of documents under the heading 'PEC ground water'. The table has columns for #, Use description, Parent / metabolite, Substance, A Tier, Model, Scenario, PECgw, and A Remar. The table contains 10 rows of data.

#	Use description	Parent / metabolite	Substance	A Tier	Model	Scenario	PECgw	A Remar
1.		metabolite	ZZ_Comple	asfas	PEARL	Hamburg	< 129 µ	123123
2.		parent	MyDemoSt	1	PELMO	Sevilla	52.874 µ	asdasd
3.		parent	MyDemoSt	1	PELMO	Thiva	63.3 µg	wwer
4.							µg/L	asdff
5.		metabolite	MyDemoSt	1	PEARL	Thiva	94.51 µ	ddd
6.		metabolite	MyDemoSt	1	PEARL	Sevilla	73.41 µ	
7.		metabolite	MyDemoSt	1	PEARL	Thiva	91.785 µ	
8.		metabolite	MyDemoSt	1	PELMO	Sevilla	55.121 µ	
9.		metabolite	MyDemoSt	1	PELMO	Thiva	69.541 µ	
10.		metabolite	MyDemoSt	1	PELMO	Sevilla	45.786 µ	

Steps to follow

- The working context navigation offers several functionalities:
 - “Filter empty nodes” – hide empty nodes
 - Show the path from the root to the selected node / document in blue shading
 - Show IUCLID document type names (Hold Space)
 - Expand / Collapse all
 - Expand / collapse node
 - Expand / Collapse selected subtree (Hold Space + Click)
 - Create document(s) in node – please note the “+” sign when hovering over a node
 - Display the number of documents in the node / subtree
- If a custom view is active, it will likely further reduce the number of displayed documents (and also the content details).
- The same is true, if a string is entered in the search string. All three options above the working context can reduce the number of displayed documents additively.

Further information

11 Navigation in the document structure

The screenshot displays the IIP software interface for document navigation. The left sidebar shows a hierarchical tree view of the document structure, with 'Administrative data' selected. The middle pane shows a detailed view of the 'Administrative data' block, including fields like 'Endpoint', 'Type of information', and 'Study period: start date'. The right pane shows a table of 'Attached justification' entries, with columns for '#', 'Attached justification', and 'Reason / purpose'.

Steps to follow

- The middle pane is showing the nested structure of the document (or entity) instance in focus. As IUCLID fields are organized in blocks, repeating blocks or tables, and all can be nested within (repeating) blocks again, complex structures may arise.
- The element navigation map helps to navigate within those document
 - Allowing to filter for existing content, show blocks only, or show errors only
 - Each line is clickable and will scroll the respective field in the right content pane into sight.
 - Expand / Collapse blocks, by clicking on the caret in front of the type symbol
- The element navigation map works with any kind of IUCLID element, hence documents and all types of entities
- The columns of a table are not shown in the element navigation map and hence cannot be searched for / filtered.

Further information



12 Content navigation and display

The screenshot displays the IIP software interface. On the left, a hierarchical tree view shows the 'OECD' section expanded to 'A Physico-chemical properties', with sub-items like '1 to 23-5 S Physical and chemical properties' and '1 Appearance / physical state / colour'. The central navigation map shows a tree structure with 'Administrative data' selected. The right pane shows a detailed form view for 'Administrative data', including fields for 'Confidentiality', 'Regulatory programme', 'Justification', 'Endpoint', 'Type of information', 'Adequacy of study', 'Robust study summary', 'Used for classification', 'Used for SDS', 'Study period: start date', 'End date', 'Remark', 'Reliability', and 'Rationale for reliability inc...'. Below the form is an 'Attached justification' table with columns for '#', 'Attached justification', and 'Reason / purpose'.

Steps to follow

- The content pane in the right column shows the content of the document in a form-like display. Whereas an analogy to Excel is desired, each type of IUCLID field has its own validation component and particular support.
- When a field in the content pane gets the focus, automatically the focus in the middle element navigation map changes automatically to the respective entry. Consequently, the user always had the context on where the respective field is located.
- A keyboard navigation with the usual known keys (e.g. arrow keys, tab, return) including a few specific shortcuts is supported.

Further information

- See the user manual for the listing of the keyboard shortcuts

13 Field types and field info box

The screenshot displays the IIP software interface. On the left, a tree view shows the 'OECD' section expanded to '10 Surface tension'. A central 'Field info box' is open, displaying the following information:

- Label: Rationale for reliability incl. deficiencies
- Identifier: AdministrativeData.RationalReliability
- Type: picklist
- PhraseGroup: PG6-60013
- Phrases: 22
- Open: true
- Multiple open values: false
- Description: Select an appropriate standard justification from the picklist, e.g. 'Comparable to guideline study with acceptable restrictions'. Additional explanations (e.g. deficiencies observed) can be entered in the related supplementary text field. Particularly if reliability scores 2 or 3 are

On the right, a data entry form is visible, showing sections for 'Administrative data', 'Data protection', and 'Attached justification'. The 'Attached justification' section contains a table with columns for '#', 'Attached justification', and 'Reason / purpose'.

Steps to follow

- In total there are 13 different IUCLID field types with several variations. Each has its own icon in IIP.
 - It is not possible to cover all details of each field, please see the user manual for an in-depth description. A few fields are discussed in more details in chapters below.
- To more get information about a specific field and the type, click on the type icon in front of the field label. All types show the following base information:
 - Label (of the field)
 - Identifier (the technical field path)
 - Type (of the field)
 - Description (a kind of help text, also displayed in the IUCLID web frontend)
- Dependent on the field type, additional information is added. Examples:
 - Accepted Target Reference types (for document reference fields)
 - Name of picklist and accepted picklist values including their internal code (for picklists)
- The information in the field info box can be selected and copied into the clipboard - including the full list of picklist values.

Further information

- See the user manual for a complete description of all field types

14 Field type and status indicators

The screenshot displays the IIP software interface. On the left, a tree view shows the 'OECD' category expanded to 'A Physico-chemical properties', with sub-items like '1 to 23-5 Physical and chemical properties' and '1 Appearance / physical state / colour'. The main area shows a detailed view of a method, with sections for 'Cross-reference', 'Data source', 'Background', 'Materials and methods', 'Test guideline', and 'Test material'. The 'Cross-reference' section includes a table with columns for Reason / purpose for cross-reference, Related information, and Remarks. The 'Data source' section includes a table with columns for Reference, Data access, and Data protection claimed. The 'Background' section includes a table with columns for Background information and Method class. The 'Materials and methods' section includes a table with columns for Qualifier, Guideline, Version / remarks, and Deviations. The 'Test guideline' section includes a table with columns for Qualifier, Guideline, Version / remarks, and Deviations. The 'Test material' section includes a table with columns for Matrix / medium.

Steps to follow

- Dependent on the field type, there are a couple of indicators behind the label or within the field
 - **Three dots** indicate a multi-field (for picklists, document references and attachments).
 - Click on the dots to open the multi-view to show all values. The standard content view only shows the first value to save display space.
 - The shading indicates whether there is more than one value present
 - A **download icon** and **eye icon** (for attachment preview) are present in filled attachment fields. The icons are clickable.
 - A **circle** indicates the existence of a remarks fields (for picklists). If the circle is filled, then a text exists in the remarks field. The icon is clickable to open the remarks editor. Alternatively, the remarks editor can be opened / closed using Ctrl-Q
 - An **open lock** indicates an open picklist
 - A **link icon** in a reference field indicates a link that can be clicked to open the target of the reference

Further information



15 Blocks and tables

The screenshot shows the IIP software interface. On the left is a 'Complete Table of Contents' pane with a search bar and a list of items under 'F Pesticide residue chemistry'. The main area displays a detailed view of a trial titled 'Residues in crops (field trials) and in rotational crops (limited field studies).001'. This view includes several sections: 'Materials and methods', 'Trial design and site description', 'Plot description', 'Application', and 'Sampling'. The 'Application' section contains a table with columns for Plot ID No., Application No., Bare soil, Growth stage code (BBCH) at application, Growth stage description at application, Plant row distance, Crown height during application, and Leaf area. The 'Plot description' section contains a table with columns for Trial ID No., Plot ID No., Control plot, and Plot description. The 'Sampling' section contains a table with columns for Details on sample collection and Details on sample handling.

Steps to follow

- In contrast to IUCLID, the IIP expands every definition fully and shows it using empty blocks and tables with an empty first row. This means you can immediately start to enter data without the need to create a block or table row first.
- Table rows have row numbers, and repeating blocks are also numbered, including in the element navigation pane.
 - To create a new row at the end of the table, click on the plus sign in the top right corner. Open the menu at the end of each row to create a new row / clone a row after/before that row.
 - Create new blocks / clone blocks using the buttons in each repeating block header
- Tables can be maximized using the maximize button on the right side of the table header bar
- The table display is paginated, when a certain number of rows exist. You can change the pagination size when scrolling to the bottom. For very large tables, the navigation within a table may show some lagging.

Further information



16 Content editing

Steps to follow

- Content editing can be done in two ways:
 - Start typing into the fields as you would in MS Excel, this alone triggers the change from display mode to edit mode of a field. For some fields there is specific data entry support:
 - For range fields, click on the circle or press Ctrl-Q to open the advanced editor
 - For picklists, press Space or F2 to open the value assistance
 - For the remarks part of picklist, click on the circle or press Ctrl-Q
 - Paste content into a field or a range of fields (see “Clipboard support”)
 - Once you leave the field (with Return or tab) – or after termination of the paste operation, the field validation component(s) will validate the entry / entries. In case of errors, the field will be highlighted in red.
 - To revert to the initial content of the field after some undesired changes, press ESC (before leaving the field)

Further information



17 Clipboard support

Steps to follow

- The clipboard of your computer can be used to fill a field or a range of fields
- Pasting works across fields, within the scope of a table or a block, starting with the selected field pasting downwards.
- Additional rows / columns in the clipboard that cannot be mapped on the target block / table, are purged.
- As of now, there is no support to copy a range of fields from the IIP back into the clipboard.

Further information



18 Content validation

Steps to follow

- When a field content is changed, the content is validated.
- When the validator accepts the content, the field display can change:
 - When a document reference is validated, the link icon appears at the end of the field
 - When the document with an uploaded attachment is saved, the preview icon appears.
- A field turns red, when its content cannot be validated.

Further information

19 Error display

The screenshot shows the IIP software interface. The main window displays a tree view of the document structure. The 'Additional test material information' table is open, showing a table with 5 rows. The 4th row is highlighted in red and contains the error message: 'ERROR 3120 DOCREF_RESOLVE Cannot resolve document reference value: <yet another false entry>; No matching entries found'. The table has columns for '#', 'Reference', and a red error icon.

#	Reference	
1.	TM_1	
2.	TM_2	
4.	yet another false entry	ERROR 3120 DOCREF_RESOLVE Cannot resolve document reference value: <yet another false entry>; No matching entries found
5.		

Steps to follow

- A field turns red, when its content cannot be validated.
- Then, an error icon appears next to the field. Click on the error icon to get an explanation for the error.
- A document with one or many errors cannot be saved.
- You can use the filtering in the element navigation map to specifically show errors only, in order to review and correct the errors
- Errors in within large tables may be more difficult to locate, there is no automatic navigation to an error field within a table.
- Note: IEF job files (see below) are displayed as read-only but validated as regular IUCLID documents / entities. Job errors must be corrected in the source from where the IEF job file directly.

Further information



20 Keyboard support

Key	Picklists	Picklists with remarks	Text fields	Quantity / Range	All other fields
Tab / Shift-Tab	Move to next / previous field				
Enter / Shift-Enter	Move to field below				
Arrow-Keys	Move to adjacent field in the respective direction				
Delete / Backspace / Escape	No effect				
Space	Change to edit mode and show all picklist values		Change to edit mode		
F2					
Mouse Double Click					
Any other keyboard key	Change to edit mode and show matching picklist values				
Ctrl-Q	No effect	Show / Hide remarks field	No effect	Show / hide advanced editor	No effect

Steps to follow

- IIP largely supports keyboard key and shortcuts in the content pane. The table above shows the keys supported in display mode, when navigating within the content pane.

Further information

- See the user manual for more details

21 Attachment preview

The screenshot displays the IIP interface. On the left, a list of entities is shown under the heading 'Entity Name'. The selected entity is 'Acute toxicity of CGA 184927 to the Mysid, Americamysis bahia'. The main area shows the 'General Information' tab for this entity, with a list of fields including Title, Author, Year, Bibliographic source, Testing facility, Report date, Report number, Study sponsor, Study number, Other study identifier(s), and Attachments. The 'Attachments' field is expanded, showing a PDF attachment. The PDF content is displayed in a preview window, showing the following sections:

2 Introduction

The Information Integration Platform (IIP) provided by [CropLife Europe](#) is a companion tool for [IUCLID](#). IUCLID (International Uniform Chemical Information Database) is a software application to record, store, maintain and exchange data on chemical substances. IIP can be used for submissions in the context of crop protection, but also beyond, within the limits of supported IUCLID functionality.

2.1 Scope of this document

This manual serves as end user manual for the IIP tool. It is assumed that the reader of this document is already familiar with IUCLID, its frontend and the basic concepts; these are not explained in detail. For other information about IIP, see chapter 2.6.

2.2 Purpose of the IIP

The IIP is an alternative web user interface to the IUCLID server and can be used in parallel to the IUCLID web frontend. Please note that the IIP - despite of requiring an IIP server installation - does not have its own database - what the IIP displays is 1:1 the content of a connected IUCLID instance, within the limits of the supported entities and functionality (see chapter 4 for further information about constraints and limitations). Both interface types can coexist and can be used in a best-of-both-worlds approach.

The IIP supports the following main use cases:

- Content creation and editing in the IIP interface, with the focus on usability and ease of data entry. A lot of usability features have been implemented to make data entry easy, e.g. the copy/pasting of data from existing inhouse sources like Excel, without the need to know IUCLID internal like picklist codes.
- Import of data from inhouse systems via the IIP Exchange format (IEF), with similar usability features as in the user interface
- Easy navigation in and review of IUCLID content
- Preview of attachments
- Search with UUIDs

2.3 Relation between IIP and IUCLID

Steps to follow

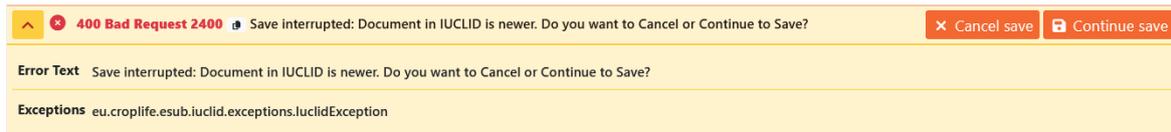
- Attachment fields where attachments were previously uploaded and the document was saved, support a preview of the attachment, provided it is a PDF or a JPEG image. Click on the “eye icon” at the end of the field.
- The PDF attachment is shown within the browser in the IIP context, provided that the browser is configured this way (for PDF, “Open in <yourbrowser>”) must be defined in the browser settings. IIP cannot override this setting.
- The PDF or image will likely need to be downloaded completely prior to its display; hence this may take time for large PDFs.

Further information

- Note: In IIP 1.9.0, when closing the attachment preview by clicking on . the advanced editor for attachment upload will be opened. This issue will be fixed in an upcoming service release.



22 Saving your changes



Steps to follow

- When there is no error in the document and changes have occurred in IIP, the save button is active.
- When the save operation was successful, a green notification appears to the left of the save button
- When the user has done content changes and wants to navigate to a different entity without saving, a warning dialog appears, allowing the user to return to the page and save the document first.
- Prior to saving, the IIP checks whether the version in IUCLID was modified after the document was retrieved the last time in IIP. If this is the case, a warning appears, and the user can decide whether to cancel or to continue the save operation.

Further information

- Note: In IIP 1.9.0 the check for the modification date in IUCLID is operational, but the option “Continue save” does not work as expected. Please use this check currently as alert only.



23 Editing component – maximized display

MyUseDescription	parent	MyDemoSubstan	1	PEARL	Kremsmunster	50.55 µg/L
16. MyUseDescription	parent	MyDemoSubstan	1	PEARL	Sevilla	34.321 µg/L
17. MyUseDescription	parent	MyDemoSubstan	1	PEARL	Thiva	44.749 µg/L
18. MyUseDescription	parent	MyDemoSubstan	1	PELMO	Sevilla	30.564 µg/L
19. MyUseDescription	parent	MyDemoSubstan	1	PELMO	Thiva	36.801 µg/L
20. MyUseDescription	parent	MyDemoSubstan	1	PELMO	Sevilla	25.008 µg/L
21. MyUseDescription	parent	MyDemoSubstan	1	PELMO	Thiva	30.047 µg/L
22. MyUseDescription	metabolite	MyDemoSubstan	1	PEARL	Sevilla	34.616 µg/L
23. MyUseDescription	metabolite	MyDemoSubstan	1	PEARL	Thiva	46.277 µg/L
24. MyUseDescription	metabolite	MyDemoSubstan	1	PEARL	Sevilla	34.321 µg/L
25. MyUseDescription	metabolite	MyDemoSubstan	1	PEARL	Thiva	44.749 µg/L
26. MyUseDescription	metabolite	MyDemoSubstan	1	PELMO	Sevilla	22.877 µg/L
27. MyUseDescription	metabolite	MyDemoSubstan	1	PELMO	Thiva	31.716 µg/L
28. MyUseDescription	metabolite	MyDemoSubstan	1	PELMO	Sevilla	20.058 µg/L
29. MyUseDescription	metabolite	MyDemoSubstan	1	PELMO	Thiva	29.507 µg/L
30. MyUseDescription	metabolite	MyDemoSubstan	1	PEARL	Sevilla	0.037 µg/L
31. MyUseDescription	metabolite	MyDemoSubstan	1	PEARL	Thiva	0.062 µg/L
32. MyUseDescription	metabolite	MyDemoSubstan	1	PELMO	Sevilla	0.037 µg/L
33. MyUseDescription	metabolite	MyDemoSubstan	1	PEARL	Thiva	0.059 µg/L
34. MyUseDescription	metabolite	MyDemoSubstan	1	PELMO	Sevilla	0.021 µg/L

Steps to follow

- The following field types can be maximized, to gain more space for editing and display
 - Multi-picklist fields, showing a table of single-picklist fields
 - Multi-docref fields, showing a table of single-docref fields
 - Text fields of max. 32768 characters, when a certain height is exceeded
 - Richtext fields
- When the field is already part of a maximized display (a maximized table), the maximized view will be “stacked” – note the captions on the right side.
- You can additionally use the sliders to make the right content pane wider (see screenshot above)

Further information



24 Editing component – advanced editor for range

The screenshot displays the IIP software interface. On the left, a sidebar shows a tree view of 'EU PPP' and 'Good Agricultural Practices (GAP)'. The main area shows a list of 'Non-target a.s.' entries with various parameters like 'Application rate per treatment' and 'Maximum annual application rate'. A right-hand panel shows the 'Advanced editor' for a selected range field, displaying a table of values and units, and a dropdown menu for unit selection.

Steps to follow

- When clicking Ctrl-Q or using the circle icon in a range field, the advanced editor appears, showing the individual elements of the range.
- Use the tab key to cycle through the fields of the advanced editor. Within the quantifier and unit fields, the SPACE key can be used to open the value assistance, and the arrow keys can be used to navigate to the desired value, as for regular picklists.

Further information



25 Editing component – multi-value fields

The screenshot shows the IIP software interface. The top navigation bar includes a search box for UUID and a 'Save' button. The main area is divided into three panes: a table of contents on the left, a central tree view of document components, and a right-hand pane for editing a specific component.

The table of contents on the left shows a hierarchy starting with 'OECD' (19 items), followed by 'Pesticide residue chemistry' (12 items), and '85-9 Magnitude of residues in processed commodities' (5 items). The selected component is 'Multi-Docref - block (test material)'. Below this, there are sections for 'AU AICIS' (1 item), 'EU PPP' (10 items), and 'Assessment from other authorities' (1 item).

The central tree view shows the following structure for the selected component:

- Data source
 - Reference
 - Data access
 - Data protection claimed
- Materials and methods
 - Test guideline
 - Principles of method if other than guide...
 - GLP compliance
 - Test material
 - Test material information
 - Additional test material informati...
 - Trial design and site description
 - Spiked samples
 - Trial (1/1)
 - Trial ID No.
 - Type of crop
 - Type of trial
 - Crop
 - Crop variety
 - Replant No. (1, 2)
 - Date of planting

The right-hand pane, titled 'Additional test material information', contains a table with the following data:

#	Reference		
1.	TM_1		
2.	TM_2		
3.	Topik_234		
4.			

Steps to follow

- There are three multi-value fields, both carrying three vertical dots as indication at the end of the field
 - Multi-value picklists (with or without remark)
 - Multi-value docrefs
 - Multi-attachment fields

Further information

26 Editing component – attachment upload

The screenshot displays the IIP software interface. On the left, a search bar and a list of documents are visible. The main window shows a document titled 'Analytical validation in liquid culture'. The 'General information' section is expanded, and the 'Attachments' field is highlighted with a blue box. This field contains a table with one row: '1. full study report' with the file 'eSEG_Minutes_2025_04.pdf'. Below the table, there is a 'Drop one file here' area with a 'Choose file' button. The 'Attachments' field is also highlighted with a blue box.

Steps to follow

- For an attachment field, the advanced editor for upload is displayed automatically once the field is in focus
- The attachment upload supports both file selection as well as Drag/Drop on the sensitive zone
- For multi-attachment fields, multiple attachments can be uploaded at once.
- An attachment can be deleted from within the advanced editor

Further information



27 Editing component – picklist value assistance

The screenshot shows the IIP Demo 1.9.0 interface for editing the 'GAP_002' component. The left sidebar contains a navigation tree with categories like OECD, DOMAIN, CORE, AU AICIS, EU BPR, EU CLP, EU DWD, EU EFSA, EU FCM, EU PPP (selected), EU REACH, and NZ HSNO. The main editing area is divided into several sections: 'Purpose of the GAP', 'Crop information', 'Pest / disease to be treated', 'Target organisms', and 'Application details'. The 'Crop information' section is expanded, showing a list of picklist values. The selected value is '3GREFO green fallow (treatment of) < 3NOCRO non-crop objects (treatment of) < treated products'. The 'Target organisms' section contains a table with columns for Scientific name, Common name, and Development stage of target pest.

Steps to follow

- You can enter substrings of picklist values – if there is a unique match they will correctly resolve
- For hierarchical picklists there is a special matching logic allowing to match for multiple strings
- Special characters are mapped / normalized from / to standard characters (in both ways) – the mapping can be configured (see user manual and installation manual)
- Especially for units in range field types, units can be entered as "mg/m²" and "ug" and would correctly match "mg/m²" and "µg"

Examples

- PEC summary - PecGroundWater.PecGroundWater.Scenario
Kremsmünster
- GAP - KeyInformation.CropInformation.Crop
3harfo 0810050
- Efficacy Data - MaterialsAndMethods.Guideline.Guideline
Etoffes et surfaces polymeriques a proprietes antibacteriennes
- GAP - PestDiseaseTreated.ApplicationDetails.WaterAmountPerTreatment (unit)

28 Editing component – document references

The screenshot displays the IIP interface for editing a 'Product' entity. The left sidebar shows a tree view with 'EU PPP' selected. The main area shows a form with sections for 'Administrative data', 'Description of key information', 'Purpose of the GAP', and 'Crop information'. A tooltip is visible over the 'Product' field, showing its identifier, type, reference types, and description.

Steps to follow

- For document references, also substrings and wildcards can be used to resolve the target document / entity. Examples (under the assumption of a docref field for a literature reference):
 - The entry “*Literature 123*” (including quotes!) will find the exact literature reference with this title
 - The entry *123456* will find this string anywhere in the literature reference title
 - The entry *Literature 123* is equivalent to the entry of *Literature 123** and will resolve to all literature references titles starting with this string.
- The attribute for resolution is different, dependent on the target:
 - For documents it is the name
 - For inventory entities, it is the name or title (literature reference)
- Alternatively, the UUID of the target document / entity can be entered as well.
- Once a docref value is validated, a link icon appears at the end of the field. Clicking on the link will navigate to the target document / entity and a new entry in the IIP history is created. It is recommended to save the document first, before clicking on the link.
- There is no value assistance for document references directly attached to the field. Instead, it is recommended to open a 2nd tab in the browser with the IIP, navigate there to the desired target document / entity, copy its UUID (see the top header) and the return to the first browser tab and paste the UUID. The default IIP interface in a 2nd tab with its search and filtering capabilities is more adequate to search for target document / entities than a limited and narrow overlay window.

Further information

- Please refer to the user manual for specific on the document references and the wildcard use

29 History

The screenshot displays the IIP application interface. At the top, a breadcrumb trail reads: **MyMixture > Complete Table of Contents > Good Agricultural Practices (GAP).001**. A search bar on the right is labeled "Search by UUID". Below the breadcrumb, a left-hand navigation pane shows a tree structure with "EU PPP" expanded to "Substance identification". The main content area shows a detailed view of "Good Agricultural Practices (GAP).001". This view includes a "Description of key information" section with a "Rich text" field, a "Purpose of the GAP" section with a table containing "Active substance / microo..." and "MRL applications", and a "Crop information" section with a table containing "Crop / treated object", "Genetical modification of ...", "Crop destination(s)", "Authorisation zone", "MRL zone", "Country or territory", and "Crop location (F/G/I)".

Steps to follow

- As first element of the breadcrumb, a history of the most recently accessed items is being generated automatically, with maximum 15 entries
- Every entry in the history is clickable, allowing easily to return to a previous page

Further information



30 Read-only mode

The screenshot shows the IIP software interface in read-only mode. The main content area displays the following details for 'GAP_003':

Pest / disease to be treated	
Application details	
Number of applications (range):	3
Re-treatment interval (in days):	5
Application rate per treatment (product) - range:	0.3 0.6 L/ha
Remarks on application rate:	Rate at BBCH 10-12: 0.3 L/ha Rate at BBCH 13-14: 0.6 L/ha Rate at BBCH 15-18: 0.6 L/ha
Water amount per treatment / spray volume:	> 150 < 400 L/ha
Concentration of target a.s. in dilution:	> 0.75 < 4 sssass
Concentration of formulation in dilution:	> 0.75 < 4 mL/Lsss
Safener / synergist / adjuvant added:	no
Application rate per treatment for target a.s. (range):	ca. 50 < 100 g/ha
Maximum annual application rate (a.s.):	ca. 250 g/hass
Withholding period animal feed:	d

Steps to follow

- The default editing mode can be switched to a read only mode where the complete content is displayed (the edit mode abbreviates content for the sake of display space). The same icons also toggles back to the editing mode.
- The element map filtering can also be applied to the read only mode display; in the above example only fields with content are filtered / displayed
- The read only mode supports printing of the content pane. However, printing of larger tables is an issue (as for IUCLID)
- The generation of the read-only mode is not using the report generation of IUCLID and is independent from IUCLID Freemarker reporting templates.

Further information

-



31 Inventory editing

Search by UUID

31c5b723-b9d2-4c05-baa9-1435da39aa7c

LITERATURE Analytical validation in liquid culture

Entity Name

- 18-month carcinogenicity study in micedddd - Hallo Ma...
- 28-day repeated dose dermal toxicity study in rats
- 3-month oral toxicity in mice (administration in food)
- A field study to monitor the impact of clodinafop-propa...
- A toxicity test to Determine the Effects of CGA 184927 / ...
- Absorption, distribution, metabolism and excretion of U...
- Acute dermal irritation / corrosion study in the rabbit
- Acute Dose-Response toxicity of A 7957 C to the Predac...
- Acute eye irritation / corrosion study in the rabbit
- Acute Oral Toxicity (LD50) of clodinafop-propargyl to M...
- Acute toxicity of CGA 184927 to the Mysid, Americamysi...
- Addendum to Final Report - A field study to monitor the...
- Adsorption/Desorption Test Substance [14C]-CGA184927
- Analytical validation in liquid culture**
- Atmospheric Oxidation of Clodinafop / CGA 184927 by ...
- Audiographic DNA-repair test on rat hepatocytes
- CGA 184927 + CGA 185072 (Safener), Sampling of air an...
- CGA 184927 - 28-day cumulative toxicity study in rats
- CGA 184927 - Acute aerosol inhalation toxicity study in t...
- CGA 184927 - Acute dermal toxicity study in the rat
- CGA 184927 - Acute oral toxicity study in the rat
- CGA 184927 - Acute oral toxicity study in the rat

General information

- Reference Type
- Title
- Author
- Year
- Bibliographic source
- Testing facility
- Report date
- Report number
- Study sponsor
- Study number
- Other study identifier(s)
- Attachments
- Remarks

Reference Type	study report
A Title	Analytical validation in liquid culture
A Author	Ritieni, A.
1 Year	2009
A Bibliographic source	
A Testing facility	Contract Research: Università degli studi di Napoli Federico II, Dipartimento di Scienza degli Alimenti, Laboratorio Alimenti Benessere e Sicurezza, Portici, Italy
Report date	
A Report number	
A Study sponsor	
A Study number	

Other study identifier(s)			
#	Study ID type	Study ID	Remarks
1.			

Attachments			
#	Attachment type	Attached confidential document	Attached (sanitised) document for publication
1.	full study report		

Remarks

Steps to follow

- The same editing rules apply for inventory editing as for dataset editing
- In the reference substance entity, the field “Inventory Number” (REFERENCE_SUBSTANCE.Inventory.InventoryEntry) is not supported in IIP

Further information

-



32 The IEF format

Steps to follow

- The IEF format allow to import data into IUCLID. Compared to the import via I6Z the advantages are:
 - Usage of verbose business values instead of internal IUCLID identifiers (UUIDs) and codes that are subject of change.
 - Same fuzzy matching rules and wildcard support for picklists and document references as in the IIP interface (see above)
 - Preview of the import job in IIP, prior to execution
 - Duplicate detection with the display of matching candidates, using specific rules (e.g. study no. for literature reference)
 - Support of a merge operation, allowing for partial updates of documents (e.g. justification information) after a regulatory review
 - Support of partial content deletion with specific IEF syntax
- The IEF format is intended to be automatically generated by source system holding inhouse data. A manual creation and manipulation is possible but not recommended in a larger scale.

Further information

- IEF manual



33 IEF export

The screenshot displays the IIP Demo 1.9.0 interface. The top navigation bar shows the current document 'SUBSTANCE IIP_Demo 1.9.0'. The left sidebar contains a tree view of the document structure, including sections like 'A Physico-chemical properties', 'B Environmental fate and behaviour', 'D Health Effects', 'E Analytical methods', and 'F Pesticide residue chemistry'. The main content area shows a detailed view of the substance, including sections for 'Other substance identifiers', 'Legal entity flags', 'Third party flags', 'Contact persons (1/1)', and 'Person flags'. The 'Legal entity flags' section is expanded, showing a table with columns for Confidentiality, Regulatory programme, and Justification. The 'Contact persons (1/1)' section is also expanded, showing a table with columns for Confidentiality, Regulatory programme, and Justification.

Steps to follow

- In order to understand the IEF format, documents and entities can be exported in the IEF format, in both flavours
- Prior to export, you can search for / filter for documents / entities to reduce the scope of your export
- The export will be available as ZIP file for download once it is ready, similar to a regular browser download process.
- You can unzip the IEF zip file and check the contents to learn the format.
- It is recommended to use the XML flavour of IEF, as it scales better than the CSV flavour, which is only feasible for simple entities and documents. Feel free to modify the IEF file following the syntax described in the IEF manual and reimport the modified data to see the IEF import in action.

Further information

- IEF manual



34 Selection of target dataset for import

The screenshot shows the IIP software interface. On the left, there is a list of datasets under 'Entity Name', with 'IIP_Demo 1.9.0' selected. The main area displays the details for 'SUBSTANCE IIP_Demo 1.9.0'. The details include a search bar, a table for 'Other substance identifiers', and sections for 'Legal entity flags', 'Third party flags', 'Contact persons (1/1)', and 'Person flags'. The 'Other substance identifiers' table has the following data:

#	Flags	Identifier	A Identity	Country	Relation	Remarks
1.						

The 'Legal entity flags' section includes:

- Confidentiality: CBI
- Regulatory programme (7): EU: DWD
- Justification: asdasdrrrrasdasdasdasd
- Legal entity

The 'Third party flags' section includes:

- Confidentiality: CBI
- Regulatory programme (4): NZ: HSNO
- Justification: My justificaiton
- Third party

The 'Contact persons (1/1)' section includes:

- Person

The 'Person flags' section includes:

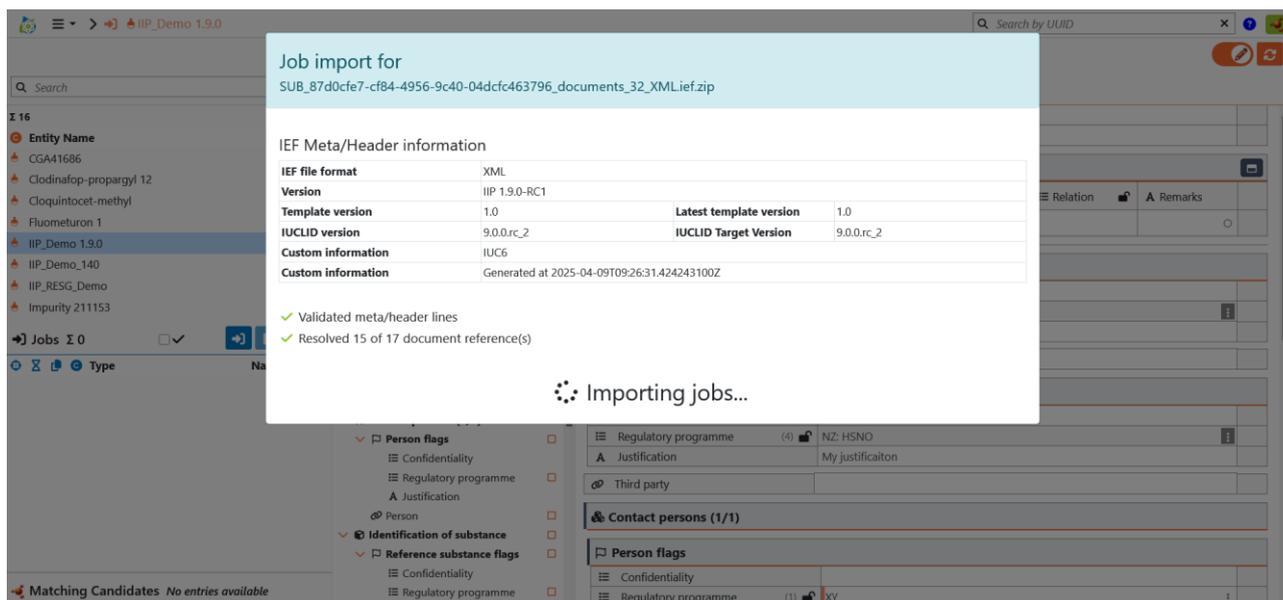
- Confidentiality
- Regulatory programme (1): XY

Steps to follow

- To import documents into a dataset using IEF, you must first select a dataset to import into
- Then an IEF job file can be loaded. IEF files can be imported from the local computer and/or the IIP server, dependent on the IIP server configuration and the company needs.

Further information

35 IEF import into datasets



Job import for
SUB_87d0cfe7-cf84-4956-9c40-04dcfc463796_documents_32_XMLief.zip

IEF Meta/Header information

IEF file format	XML		
Version	IIP 1.9.0-RC1		
Template version	1.0	Latest template version	1.0
IUCLID version	9.0.0.rc_2	IUCLID Target Version	9.0.0.rc_2
Custom information	IUC6		
Custom information	Generated at 2025-04-09T09:26:31.424243100Z		

✓ Validated meta/header lines
✓ Resolved 15 of 17 document reference(s)

Importing jobs...

Steps to follow

- When selection an IEF file for loading, the IEF file will be syntactically validated.
- Please note that the IEF file syntax depends on both
 - on the IUCLID format
 - on the further development of the IEF format
- When the IUCLID format changes, it can occur that previous IEF files fail to be loaded; for example, when previous technical file paths do not longer exist. Then, the IEF file needs to be recreated.

Further information



36 Job display list

The screenshot shows the IIP Demo 1.9.0 interface. At the top, there is a search bar and a source/line(s) field containing 'FLEXIBLE_RECORD.GAP_c920df2e-e85c-4379-8c82-33dc'. Below this, there is a navigation bar with 'Jobs' and '32' items. The main area is divided into three columns: a list of jobs, a search and filter panel, and a detailed view of the selected job 'GAP_001'. The job list includes columns for 'Type' and 'Name'. The search panel shows a search bar and a list of categories like 'Administrative data', 'Data protection', 'Description of key information', 'Purpose of the GAP', 'Crop information', and 'Pest / disease to be treated'. The detailed view shows a form with various fields and sections, including 'Administrative data', 'Data protection', 'Description of key information', 'Purpose of the GAP', and 'Crop information'.

Steps to follow

- The job display list shows different information in its columns:
 - Target update status (will the job create a new document or update an existing document, based on the current selection of a potential matching candidate)
 - Job status
 - Amount of found matching candidates

Further information

- Please see the user manual for details

37 Job preview

Source / Line(s) FLEXIBLE_RECORD.GAP_c920df2e-e85c-4379-8c82-33dc

SUB_87d0cfe7-9c40-044dc463796_documents_32_XMLief.zip.ext\FLEXIBLE_RECORD.GAP_c920df2e-e85c-4379-8c82-33dd9818590d_XMLief

Jobs 32

FLEXIBLE_RECORD.GAP GAP_001

Search

59

Name

Administrative data

Data protection

Confidentiality

Regulatory programme

Justification

Product

Description of key information

Rich text

Purpose of the GAP

Active substance / microorg...

MRL applications

Crop information

Crop / treated object

Genetical modification of crop

Crop destination(s)

Authorisation zone

MRL zone

Country or territory

Crop location (F/G/I)

Pest / disease to be treated

Target organisms

Major / minor use

Purpose of the GAP

Active substance / microorg... (3) intended use supported in the EU for which data are provided (D1)

MRL applications (0)

Crop information

Crop / treated object (0)

Genetical modification of ...

Crop destination(s) (4) grown for amenity or ornamental purposes (3ORNAD)

Authorisation zone

MRL zone

Country or territory (7) Afghanistan

Crop location (F/G/I) (0)

Pest / disease to be treated

Target organisms

#	Scientific name	Common name	Development stage of target pest	Development stage of target plant
1.	asdasd		cysts and oocysts	asda
2.				asdasd

Matching Candidates 4

Name

GAP_001

GAP_002

GAP_003

GAP_004_Test

Steps to follow

- You can click on a job to preview the job in the same display form as for an existing IUCLID document / entity of the same type. The maximize operations on the specific field and tables work as in the editing view.
- A job is being validated the same way as an actual IUCLID document. This means that picklist values are validated, document references are being resolved etc. If there are errors, these are displayed in the same manner as during regular editing.
- A job cannot be edited. If there are data errors, the data in IEF jobs files should be corrected in the source application and then the IEF file should be regenerated.
- An individual job can be deleted from the job list using the trash icon in the upper right corner, when it is not considered suitable for processing
- Please note that dependent on the selected job, the matching candidates pane will be updated.

Further information



38 Job validation

IIP_Demo 1.9.0

Search by UUID

Source / Line(s) ENDPOINT_SUMMARY.NatureMagnitudeResiduesProce

Jobs 32

ENDPOINT_SUMMARY.NatureMagnitudeResiduesProcessedCommodities Multi-Docref tables (to documents)

3200 IEF Import failed: error in validation of job data — 1 violations were found.

Error Text IEF Import failed: error in validation of job data

Exceptions eu.croplife.esub.luclid.exceptions.luclidException

Details 1 violations were found.

Search

2 / 16

Description of key information

Nature of residues in processed...

Nature of residues in processed commodities

#	Relevant studies	Conditions	Stable
		baking, brewing and boiling (60 min, 1	<input type="radio"/>
		:	<input type="radio"/>
3.	REL_123	:	<input type="radio"/>
4.	REL_3	:	<input type="radio"/>

Processing factors

#	Relevant studies	Type of application	Processed fraction / PF	Residue definition Monitoring	Residue definition Monitoring	Processing factor: RD	Residue definition Risk	Resi defi Risk

ERROR 3110 DOCREF_MULTIPLE_DOC docRef searches returned multiple values for documents: <uuid->empty>;type:ENDPOINT_STUDY_RECORD.NatureResiduesInProcessedCommod;name:REL_123>

ResiduesInFoodAndFeedingst... Residues in or

ResiduesInRotationalCrops Magnitude of

ResiduesInRotationalCrops blockref test

StabilityResiduesCommodities UnitsInTables

SubstanceComposition Docref table (

Matching Candidates No entries available

Steps to follow

- When loading a job with an error, the respective field(s) will be displayed and error messages will be displayed on the field level, if possible
- Jobs cannot be edited in IIP; the IEF format is currently considered a transport format and not a data representation format



39 Matching candidates pane

The screenshot displays the IIP software interface. At the top, there is a search bar labeled 'Search by UUID' and a source/line identifier 'FLEXIBLE_RECORD.GAP_934344ed-e919-46fe-b3b8-342'. Below this, the 'Jobs' pane shows a list of jobs, with 'FLEXIBLE_RECORD.GAP_003' selected. The 'Matching Candidates' pane on the left lists four candidates: GAP_001, GAP_002, GAP_003 (selected), and GAP_004_Test. The main content area is divided into two panes: 'Application details' and 'Growth stage and season'. The 'Application details' pane shows fields for 'Application target', 'Method of application', and 'Application equipment'. The 'Growth stage and season' pane shows a table with columns for 'Growth stage of crop (first application)', 'Growth stage of crop (last application)', and 'Treatment season'. Below this, there are various application parameters such as 'Number of applications (ran...)', 'Re-treatment interval (in da...)', 'Application rate per treat...', 'Water amount per treatmen...', 'Concentration of target a.s. ...', 'Concentration of formulatio...', 'Safener / synergist / adjuva...', 'Application rate per treatme...', and 'Maximum annual applicatio...'. The 'Non-target a.s. (1/1)' section is also visible at the bottom.

Steps to follow

- A matching candidate is an existing document in IUCLID and a potential duplicate for the job, determined by the identity of specific attributes of the job and the document.
 - Documents: Same name and type
 - Literature: Same study no
 - Reference substance: CAS name or Te CAS number
 - Test material: name
- Matching candidates are displayed in the matching candidates pane. The candidates can be clicked, then the full information of the matching candidates is displayed in the content area. Hence, by switching between the job display and the matching candidate the user can preview the effect of the update or merge operation prior to the job execution.
- If there is / are matching candidates, the IIP suggests on what IUCLID document to update. This suggestion can be changed by the user – either changing the matching candidate or deselecting a matching candidate leading to the creation of a new document. Then, the target update status of the job changes from UPDATE to NEW.
- Jobs with the action MERGE require the existence of a selected matching candidate to be executed, as per definition a merge operation can only occur on an existing IUCLID document.

Further information



40 Job execution

The screenshot displays the IIP software interface. At the top, there is a search bar for UUID and a source/line identifier: 'FLEXIBLE_RECORD.GAP_934344ed-e919-46fe-b3b8-342'. Below this, a list of jobs is shown, with 'FLEXIBLE_RECORD.GAP GAP_003' selected. The interface is divided into several panels:

- Jobs List:** A list of jobs with columns for Type and Name. 'GAP_003' is highlighted.
- Application details:** A central panel showing configuration for 'Application details' and 'Growth stage and season'. Parameters include application target, method, equipment, and various rates.
- Table:** A table with columns for Growth stage of crop (first and last application) and Treatment season. Row 1 shows values for these parameters.
- Parameters:** A list of application parameters such as 'Number of applications (ran...)', 'Re-treatment interval (in ...)', and 'Application rate per treat...'. Values are provided for each, such as 3, 5, and 0.3 0.6 L/ha.
- Remarks:** A section for 'Remarks on application ra...' with specific rates for different BBCH stages (10-12, 13-14, 15-18).
- Non-target a.s. (1/1):** A section for non-target active substances with parameters like 'Water amount per treatm...', 'Concentration of target a...', and 'Maximum annual applicati...'.

Steps to follow

- A click on the play icon starts the actual execution of the IEF job list and the icon changes to a spinning wheel . It is only then, that content in IUCLID is created or modified.
- The job status in the job display list is successively updated, dependent on the processing progress. Please be patient.
- A checkbox can be set to hide completed jobs with a successful state (Created, Updated, No change). This allows to focus on jobs that require specific attention.

Further information



41 Import with Merge action

Steps to follow

- IEF files can be created with an action flag MERGE, that allow to merge the information in the job file with the content of the selected matching candidate in IUCLID. Note the MERGE icon
- The job processing is very similar as before, with the difference that merge operations require a selected matching candidate to be successfully executed.
- It is currently not possible to apply a merge operation on a field that is within a table, a repeating block, or is in a block below a repeating block. This is because the addressing of the blow / row number is not robust and explicit for the end user. This is also true, if the target document in question does not yet carry any information in the respective part of the document, meaning the merge operation would not overwrite any data.
- Future IIP versions may be able to release this constraint, if requested by users.

Further information

- IEF manual



42 Deletion of existing values during Merge import

Steps to follow

- Merge jobs allow to delete existing values of fields and complete blocks and subtrees (for the IEF XML flavour) with a specific syntax.
- There is no display of a deletion operation in the IIP interface, the deletion is only apparent in the IEF file directly

Further information



43 IEF import into inventory entity types

The screenshot shows the IIP software interface. At the top, there's a search bar with 'Search by UUID' and a 'Source / Line(s)' field containing 'LITERATURE_0210282b-a325-46d4-8a57-03f5bc1fc9f8'. Below this, a 'Jobs' list shows two items: '4711 Literature 123' and '0815 Literature 123456'. The main panel is titled 'LITERATURE Literature 123' and contains a search bar and a tree view of fields. The 'General information' section includes fields for Reference Type, Title (Literature 123), Author, Year, Bibliographic source, Testing facility, Report date, Report number, Study sponsor, and Study number (4711). The 'Other study identifier(s)' section has a table with columns for Study ID type, Study ID, and Remarks. The 'Attachments' section has a table with columns for Attachment type, Attached confidential document, and Attached (sanitised) document for publication.

Steps to follow

- This is the same as for the import into dataset, with the difference that no target dataset is to be selected first; the selection of the target entity is sufficient.
- Also for the inventory types a definition for matching candidates exists. In the example above for literature references, it is the Study number – when being identical between job and instance in IUCLID, then it is displayed as matching candidate and preselected for update.
- The import of contact, site and legal entity is currently not offered in the IIP user interface as these are rare entities to create and modify. If requested, this functionality could be exposed in a future IIP version.

Further information



44 Search with UUID

The screenshot shows the IIP application interface. At the top, there is a search bar with the text 'Sb3abc4c-8696-4f41-8727-7e15354e2962'. Below the search bar, the application displays a list of entities on the left, with 'Impurity 211153' selected. The main area shows the details for 'SUBSTANCE Impurity 211153'. The details are organized into several sections: 'Substance name', 'Other substance identifiers', 'Legal entity flags', 'Third party flags', 'Contact persons (1/1)', and 'Person flags'. Each section contains a table of data. For example, the 'Legal entity flags' section shows a table with columns for Confidentiality, Regulatory programme, and Justification. The 'Contact persons (1/1)' section shows a table with columns for Person and Justification.

Steps to follow

- The UUID search field allows to search across the IUCLID instance in the entity types supported by IIP.

Further information



45 Unsupported IUCLID types and functionality

Steps to follow

- The IIP focuses on the content creation, with PPP scenarios in focus and does not reimplement other existing IUCLID functionality
- The following IUCLID types are not supported in IIP, mainly due to their infrequent / restricted use:
 - ANNOTATION
 - ARTICLE
 - ASSESSMENT_ENTITY*
 - ATTACHMENT (on document / entity level) – attachment fields are supported
 - CATEGORY
 - DOSSIER* (meaning no Dossier display or creation - all operations work on datasets only)
- For functionality that is only present in the IUCLID frontend, see the IIP user manual in the chapter “Unsupported IUCLID functionality”

Further information

- IIP user manual



46 Access to online user manual

Steps to follow

- Please note the blue “?” in the upper right corner of the top bar. Here, you can access the user manual as PDF
- Other supportive IIP documents (e.g. the IEF manual) are available for download after registration

Further information

----- end of the document -----