

.What's new in the 1.9.0 release v1

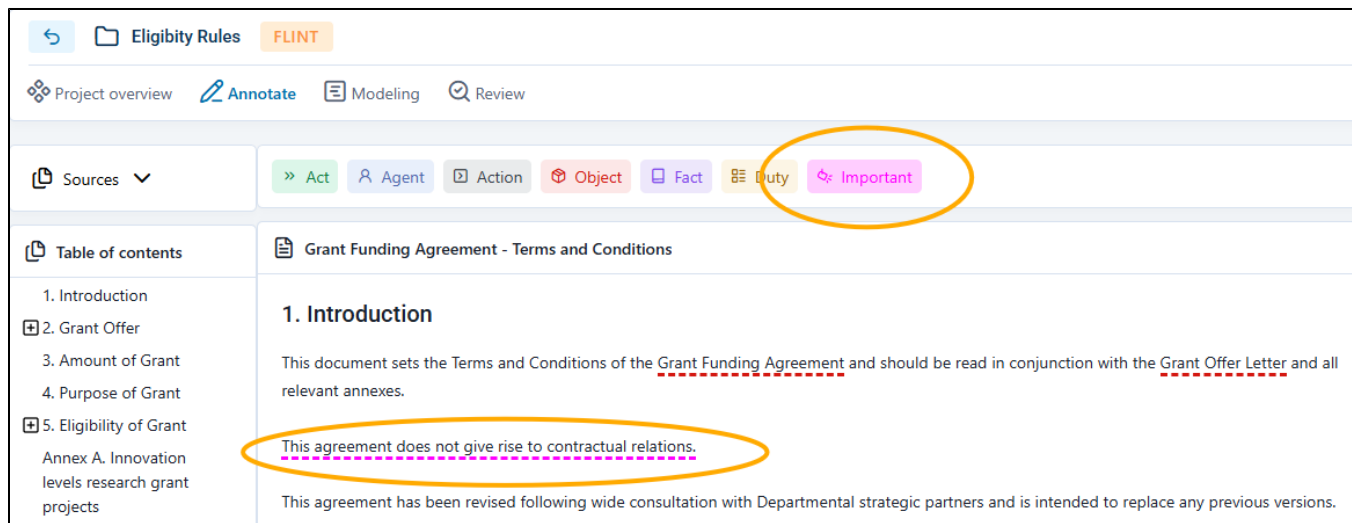
The Workbench version 1.9.0 introduces a set of usability improvements in order to better support norm engineers.

Release date: 25 September 2026

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New annotation type Important

A new annotation type "Important" has been added to the annotation palette of the DSL's Business scenarios, Legal analysis, FLINT and High level requirements. This annotation can be used when a text fragment is relevant to the Workbench user, but at the moment it is not quite clear *what* type it is. Since precise classification is not possible at that point, using the annotation type "Important" supports the practice of iteratively annotating and modeling.



The bright pink annotation type "Important".

Sometimes an analyst deems a word, phrase or section important, although they are not sure (yet) what the specific annotation *type* is. To ensure such fragments do not get lost in the analysis, and moreover to avoid the analyst needing to pick a random annotation type to keep the fragment part of the analysis, we introduced the annotation type Important. With a bright pink color resembling the often used pink magic marker, this annotation type stands out.

The annotation type Important is available in projects of type Scenarios, High level requirements, FLINT and Legal Analysis. For Terms and Scope we decided not to add it.

"Important" is not a type of frame

The annotation type Important is *not* meant to ever become a frame of that type. However, you are allowed to drag an annotation of type Important onto the frame canvas.

The screenshot displays the FLINT software interface. The top navigation bar includes 'Eligibility Rules' and 'FLINT'. Below it, a secondary bar shows 'Project overview', 'Annotate', 'Modeling', and 'Review'. The main document area on the left is titled 'Grant Funding Agreement - Terms and Conditions' and contains the following text:

1. Introduction

This document sets the Terms and Conditions of the Grant Funding Agreement and should be read in conjunction with the Grant Offer Letter and all relevant annexes.

This agreement does not give rise to contractual relations.

This agreement has been revised following wide consultation with Departmental strategic partners and is intended to replace any previous versions.

2. Grant Offer

2.1 Payment of Grant

Payment of the grant is subject to you complying with these Terms and Conditions together with Annex F of the Grant Offer Letter and to such further conditions and requirements that we may from time to time specify.

2.2 Purpose of Funding

The grant will be paid only in respect of Eligible Expenditure incurred by you to deliver the funded

On the right, the 'Create frame' dialog is open. It has a 'Name' field containing 'This agreement does not give rise to contractual relations.' and a 'Frame type' section with radio buttons for: >> Act, Fact, Action, Duty, Agent, and Object. There is also an 'Explanation - optional' text area and 'Cancel' and 'Next' buttons at the bottom.

Frames of type important do not exist: A specific type must be chosen.

The Workbench will then prompt you the choice of existing frame types of the DSL you are currently working in.

Terms functionality extended with NLSBB-compliant details

In this version we added the possibility to provide additional details for terms, that adhere to the [NLSBB](#) standard:

- Code
- Search term
- Clarification
- Explanation
- History
- Editorial note
- Amendment
- Example

These additional details are all optional. They are grouped together in a separate tab of the Term frame:

A docket has exactly one owner. By default the user that created the docket, but that ownership can be transferred to another user.

This docket has Steven Taylor as owner.

Workbench

Dockets

Account

Docket manager dashboard

Set up

Bundle registry

en

Steven Taylor

Dockets

Research Grant

Docket overview

Assignments

Research Grant

Docket overview

Review

Finalize

History

Tasks

Docket details

Edit docket

Owner

Steven Taylor

Description

Analysis for the Research Grant

Creation date

17-08-2026

Latest bundle version

0.1.1

Latest bundle

17-08-2026

Assignments

Add assignment

User	Assignment type
Robert Carter	Analyst
Musa Murray	Analyst
Steven Taylor	Reviewer
Elly Wang	Reviewer

Steven's docket.

This means he can assign users and update their role, for instance for Robert Carter:

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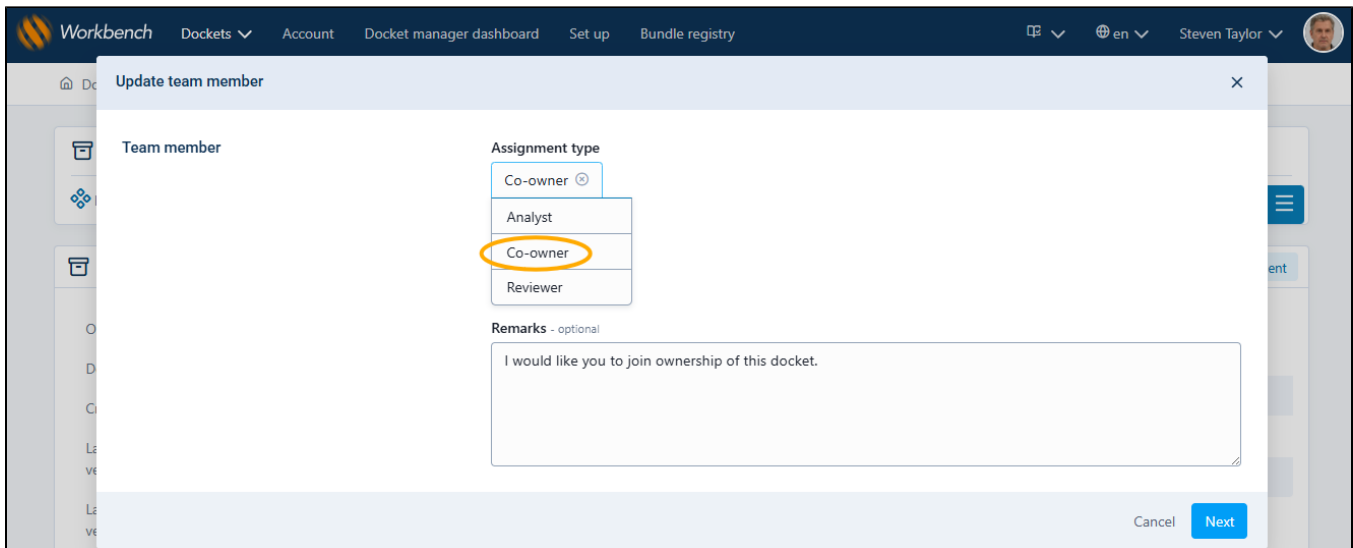
Assignments

Add assignment

User	Assignment type	
Robert Carter	Analyst	
Musa Murray	Analyst	Update assignment
Steven Taylor	Reviewer	
Elly Wang	Reviewer	

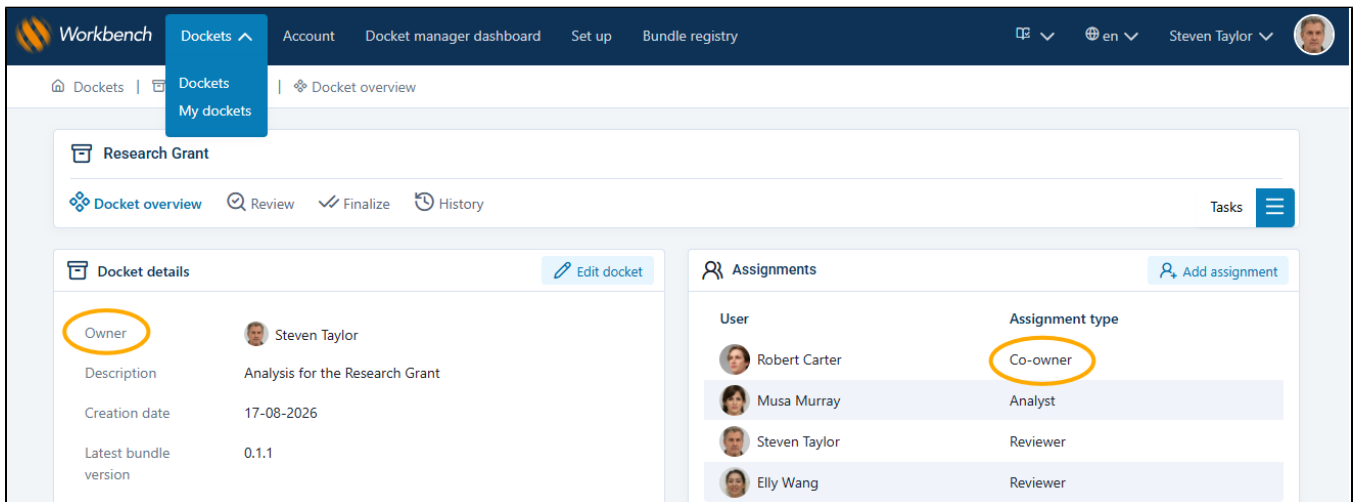
Steven updates Robert's assignment.

After clicking the pencil, a task pops up to update the assignment for Robert Carter:



Choosing Co-owner.

Now Robert is co-owner of the docket, while Steve remains owner:



Steven's docket with Robert as co-owner.

Dashboard support to detect identical frames with the same name

A dashboard is added to show frames of the same type with the same name throughout all docket. This way docket managers and workbench users can efficiently manage all docket and/or prevent or correct duplicate frames.



The screenshot shows the Workbench Dashboard. The 'Dashboard' tab is highlighted in the top navigation bar. Below the header, there is a section titled 'Frames with the same name' containing a table with four rows of frame data.

Name	Type	Definition	Docket name
officials charged with border control	Agent	the officials referred to in article 46	Regulations Dutch Aliens Act
officials charged with border control	Agent	the officials as described in article 46	Regulations Dutch Aliens Act
Supporting system	System	Smart services and processes that support case workers in their daily work	Research Grant
Supporting system	System	The actor that performs all automated tasks in HMRC context	HMRC Analysis

Dashboard showing two sets of frames of the same type with the same name.

In the example above we see two sets of duplicate frames:

- 'Supporting system' is a duplicate frame of the same type (System), but this is probably correct since the frames are part of separate dockets that do not seem to share functionality.
- 'officials charged with border control' is an agent that has been created more than once, probably by accident. It is up to the user how to proceed with this duplication.

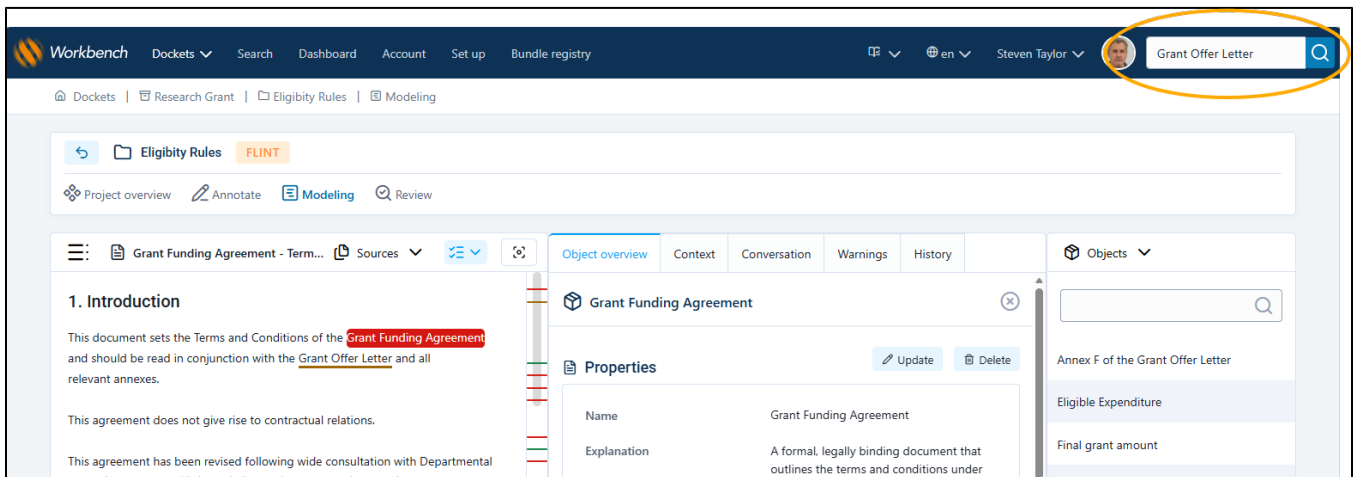


Duplication prohibited from 1.9 onwards

As mentioned in the final resolved issue below, creating duplicate frames of the same type in a single docket is not possible anymore from this version onwards. The situation as described above can be possible however, when created with earlier versions of the workbench.

Search frames throughout dockets in your model

In this release, we added the possibility to search for frames throughout all dockets in your tenant. This helps navigating more effectively through all models of the Workbench environment.



The screenshot shows the Workbench interface. The top navigation bar includes the 'Search' tab, which is highlighted. In the top right corner, there is a search bar containing the text 'Grant Offer Letter' and a magnifying glass icon. The main content area displays a document titled 'Grant Funding Agreement - Term...' with a search bar and a list of objects on the right side.

Search keywords entered in the Search box.

After entering the search keywords in the search box, you will be navigated to the Search menu:

The screenshot shows the Workbench Search interface. The top navigation bar includes 'Workbench', 'Dockets', 'Search' (highlighted with an orange circle), 'Dashboard', 'Account', 'Set up', and 'Bundle registry'. The right side of the bar shows a user profile for 'Steven Taylor' and a search bar containing 'Grant Offer Letter'. Below the navigation bar, the main content area is titled 'Search for frames' and shows '4 results'. On the left, there is a 'Filters' sidebar with input fields for 'Search', 'Name', 'Definition', and 'Frame type'. The 'Search' field contains 'Grant Offer Letter'. The main results table has three columns: 'Frame type', 'Name', and 'Definition'.

Frame type	Name	Definition
Duty	Offer the grant Letter	The formal responsibility of a funding organization to issue a written communication — typically called a Grant Offer Letter—to an eligible applicant, confirming the award of a grant under specified terms and conditions.
Object	Grant Offer Letter	A formal written communication issued by a funding organization to an applicant, confirming that a grant has been awarded under specified terms and conditions.
Object	Annex F of the Grant Offer Letter	A specific annex or attachment included as part of a formal Grant Offer Letter, which outlines the objectives or intended outcomes for which the grant funding is being provided.
Term	Grant Offer Letter	A grant offer letter is a formal document issued by a funding body to inform a successful applicant that they've been awarded a grant. It serves as an official notification and often acts as a precursor to the grant funding agreement.

Search results for the keywords 'Grant Offer Letter'.

The search page shows a *list of frames* that have the searched keywords in their name or description. Here you can specify your search even further by providing additional or completely new keywords to search for in frame names and/or definitions. You can also provide which types of frames to search for.

This screenshot shows the same Workbench Search interface, but with additional filters applied. The 'Frame type' filter in the sidebar is now selected, showing 'Duty' and 'Object' (highlighted with an orange circle). The main results table now shows '3 results'.

Frame type	Name	Definition
Duty	Offer the grant Letter	The formal responsibility of a funding organization to issue a written communication — typically called a Grant Offer Letter—to an eligible applicant, confirming the award of a grant under specified terms and conditions.
Object	Grant Offer Letter	A formal written communication issued by a funding organization to an applicant, confirming that a grant has been awarded under specified terms and conditions.
Object	Annex F of the Grant Offer Letter	A specific annex or attachment included as part of a formal Grant Offer Letter, which outlines the objectives or intended outcomes for which the grant funding is being provided.

Search results restricted by frame types.

The search results are clickable of course, so you can navigate directly to your search result.

It is also possible to navigate to the Search menu without providing keywords at all. The menu item will show a list of all frames present in all docket, for you to search through and navigate to.

Workbench Dockets Search Dashboard Account Set up Bundle registry Steven Taylor

Zoek | Search for frames

Search for frames 1 - 25 of 422 results

Filters

Search

Name

Definition

Frame type

Frame type	Name	Definition
Act	Apply for Child Disability Payment	
Act	Borrowing	Lending material from the Utrecht University Library to borrowers under the explicit agreement to return the material.
Act	Collect material for another borrower	
Act	Approve grant application	This act represents the formal decision to approve a grant, and once it occurs, the grant review committee is obligated to fulfill the duty of offering the grant letter, which outlines the terms and conditions of the funding.
Act	Payment of the grant	The official disbursement of funds from a grantor (such as a government agency, foundation, or organization) to a grantee, in accordance with the terms outlined in a grant agreement. This act typically occurs after the grant has been awarded.
Act	Determine amount of the grant	The process of calculating and establishing the specific sum of money to be awarded to a grantee. This act

Search menu without provided search keywords.

Improved handling and visualization of source metadata

The handling of source metadata has been improved to make source management more efficient and help keep published content consistent. Where possible, metadata for formal sources is now pre-filled automatically. In addition, source managers are notified when unpublished metadata changes exist in the source register. This makes it clear when a source should be republished, ensuring that dockets remain aligned with the latest published information.

Workbench Source register Account Set up Bundle registry Fred Black

Source register | Grant Funding Agreement - Terms and Conditions | Overview

Grant Funding Agreement - Terms and Conditions

Overview Manage versions Browse versions Publish versions History

Source metadata Update metadata Delete source

Identifier FG224_GrantFundingAgreement	Commonly accepted title Grant Funding Agreement	Creator National Research Funding Agency	Publisher Ministry of Science and Innovation
Language English	Type Grant agreement	Abbreviation(s) GFA-TC	Subject Research funding; Grants; Scientific research; Funding conditions
Replaces Research Grant Funding Agreement v0.1	Publication number -	Jurisdiction US	Source type Legislation
Latest version 0.1.1	Origin Formal source	Reference (deprecated) -	(Government) theme (deprecated) -
Description Terms and conditions governing the eligibility, amount and payment of grant funding			
Remarks -			

Documents Add new version

Version	Document version	Title	Publication date	Signature date
1	MSI-GFA-TC v1.0	Grant Funding Agreement - Terms and Conditions	01-07-2025	15-06-2025

When a source is published, all specified metadata is now included in the published formal source. This applies to all source types, including sources that originate from a source bundle, as published sources are always treated as formal sources regardless of their original type.

The documentation portal has also been extended to recognize all source metadata fields and display any populated metadata directly alongside the source, providing users with richer context and improving discoverability. The metadata field Source type is now used to ensure that sources are displayed in the correct tab within the documentation portal.

Documentation Portal

Scope
Scenarios
Legal analysis
FLINT
Requirements
Business design
Sources
Terms

Sources
Grant Funding Agreement

Grant Funding Agreement - Terms and Conditions

Grant Funding Agreement - Terms and Conditions
Legislation
GFA-TC
FG224_Gra

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1. Introduction
2. Grant Offer
2.1 Payment of Grant
2.2 Purpose of Funding
3. Amount of Grant
4. Purpose of Grant
5. Eligibility of Grant
5.1 Eligibility Criteria
Annex A. Innovation levels research grant projects

Source type
Abbreviation(s)
Identifier
Description
Commonly accepted title
Creator
Publisher
Language
Type
Subject
Replaces
Jurisdiction
Document version
Publication date
Signature date
Effective date
Link to original location

Legislation
GFA-TC
FG224_GrantFundingAgreement
Terms and conditions governing the eligibility, amount and payment of grant funding
Grant Funding Agreement
National Research Funding Agency
Ministry of Science and Innovation
English
Grant agreement
Research funding; Grants; Scientific research; Funding conditions
Research Grant Funding Agreement v0.1
US
MSI-GFA-TC v1.0
01-07-2025
15-06-2025
01-07-2025
https://min-sci.gov.org/pub/GFA.v1.formalsource

2.1 Payment of Grant

Payment of the grant is subject to you complying with these Terms and Conditions together with Annex F of the Grant Offer Letter and to such further conditions and requirements that we may from time to time specify.

Gain more insight with new documentation and learning materials

The **user documentation** on the Workbench Plaza space has been updated with the subjects from the release notes of Workbench versions up to and including version 1.8.0. This documentation can be found at [Working with the workbench](#).

Furthermore, we have created the English version of the Clickable reference **document** Metamodel Legal Analysis and the English version of the popular Orange booklet.

Document description	Dutch version	English version
The Orange Booklet		
Clickable Metamodel of the Legal analysis DSLs		

We also published six new **videos** lately:

- The English version of the metamodel Legal Analysis video (16 minutes)
- A non-interactive version of the video with Workbench tips (11 minutes)
- About the way the six Legal analysis metamodels are inter-connected (8 minutes),
- A short video about our iterative way of working and project support (4 minutes),
- On how to gain insight in the legal model (11 minutes)
- A video about collaboration and review (12 minutes).

The complete list of videos is available on a new page in the plaza Workbench: [Materials and Support](#). This page also contains several other interesting documents, information on how to request support and get started in the Workbench yourself.

Support for modeling acts concerning multiple objects

In the FLINT modeling language, an act has two agents (the actor and the recipient) and one object that is concerned with the act. The metamodel of the FLINT modeling language has changed recently: **Acts can have multiple objects**. The Workbench supports this possibility from this version onwards.

The screenshot displays the 'Act overview' tab for an act named 'Approve grant application'. The interface is organized into several sections:

- Properties:** A table with three rows: 'Name' (Approve grant application), 'Explanation' (This act represents the formal decision to approve a grant, and once it occurs, the grant review committee is obligated to fulfill the duty of offering the grant letter, which outlines the terms and conditions of the funding.), and 'State' (In progress). Buttons for 'Update' and 'Delete' are present.
- Validity periods:** A section with a clock icon and the text 'No validity periods available'. An '+ Add' button is located to the right.
- Action:** A section with a play icon and the text 'Approve'. An 'Update' button is located to the right.
- Actor:** A section with a person icon and the text 'Grant review committee'. An 'Update' button is located to the right.
- Object:** A section with a cube icon and two objects listed: 'Grant Offer Letter' and 'Grant amount proposal'. This section is highlighted with an orange circle. An 'Update' button is located to the right.
- Recipient:** A section with a person icon and the text 'Applicant'. An 'Update' button is located to the right.

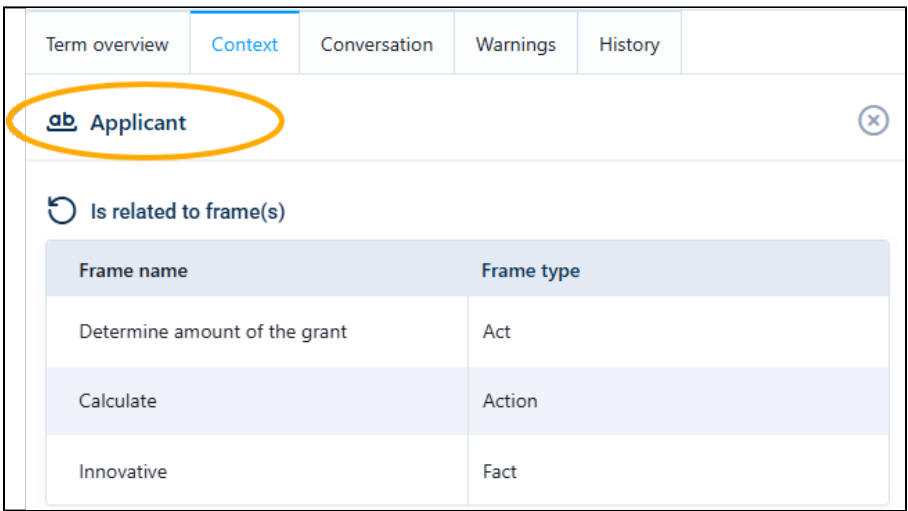
Act of approving the grant application with two objects.

Other noteworthy

Keep frame header visible while working in different frame tabs

The header of the frame is now sticky, which means it will not scroll with the rest of the frame and is present in all tabs of the frame.

This provides a better overview of the frame and you can close the frame more easily. The header is now also available in all other tabs of the frame.



The sticky frame header also visible in other tabs.

Layout of sources improved

We made the layout of sources, especially regarding spacing and white lines, more consistent throughout the different source types supported by the workbench.

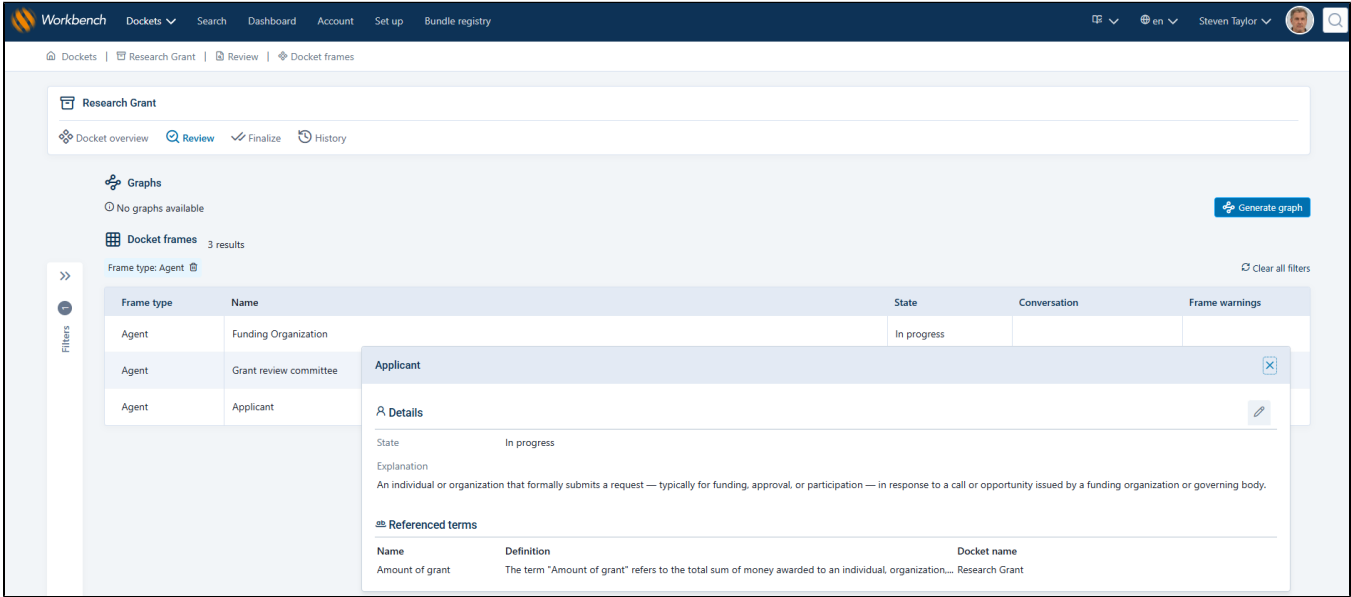
Find documents faster in large dockets

We added search filters on sources and supporting documents in dockets to make finding documents in large lists more easily.

Review more efficiently using related terms

Related terms and their definitions are now available in the quick view of frames in the Review panel on project level and on docket level. Also when those frames are modeled in another docket. This makes reviewing more efficient.

The quick view not only shows the related terms and their definition, but also the docket in which the term is modeled.



The Review panel with the quick view for the agent Applicant showing the related term and its definition.

Ability to delete source reference frame warnings

A delete task has been added to source warnings, so the user can manually delete the source reference warning after handling the error in a self chosen fashion.

There are two types of frame warning:

- Warnings concerning missing relations to other frames (for instance a legal relationship without legal subjects as actor and recipient)
- Warnings concerning missing phrases or sections in sources (due to the fact a now used newer version of that source does not contain the phrase or section). In such cases a frame has a source reference that does not exist anymore.

The first type of warning automatically disappears when the workbench users adds the missing relations. The second type of warning does not automatically disappear since Workbench does not know *what* the correct fix is. Sometimes it is adding one new source reference, but it can also be multiple references. Or the deletion of a relation or frame altogether.



When a source warning is deleted, but the source reference (to a missing phrase or section) is still present, the warning will reappear after reloading the frame.

Capture the reason for adding a source

When adding a source, the reason for adding this source can be specified.

The reason for adding a document was not always visible in the list view. Furthermore, when adding a supporting document, a reason for adding that document could not be added. This has now been fixed, so we can now provide and quickly see a reason for adding:

1. Documents from the source register on docket level
2. Supporting documents on docket level
3. Documents from the source register on scope level (main question, sub question, other category)
4. Local sources on scope level (main question, sub question, other category)

When the reason for adding the document exceeds 200 characters, the first 200 characters are shown and hovering displays the entire reason. Quick view is available to see the entire reason also.

Main question overview

Conversation

History

?

What does it entail to run a private lending library from home?

✕

📄

Properties

✎ Update

Name

What does it entail to run a private lending library from home?

Description

Do we need a permit? What are additional rules? etc

State

In progress

📁

Documents

+ Add

Name	Used version	Latest version	Reason for adding this document
CMS-2021-0119-0001 - kr3-lo6r-w1a6	0.1.1	0.1.1	Document contains possible useful information regarding permit requirements.

📁

Local sources

+ Add

Name	Document type	Reason for adding this document
Permit checklist	Supporting document	We will need to analyze this source document for terms that might be important for the investigation of permits needed to run a private lending library from home. The Dutch government recently publish...

ab

Related term

+ Add

+ Create term from frame

ⓘ No related term available

📁

Contains business scenarios

+ Add

ⓘ No contains business scenarios available

🔗

Contains requirements

Referenced annotations part of export and import

Resolved issues

In the source register, source managers were sometimes confused regarding the metadata of the source and the metadata of the version of the source. This has been resolved by changing the names of the update metadata buttons.

In some cases, the export of the model was not 100% complete and therefore the graph, documentation portal and import were not complete as well. This has been resolved.

When changing the name of a frame, the header of the frame and the name in the list on the right did not always change accordingly. This has been resolved.

Manually changing the status did not work correctly on some frame types. This has been resolved.

Referenced annotations were exported correctly, but imported as source references. This has been fixed.

In some occurrences, frame warnings were detected but not visible on the frame. This has been resolved.

In several cases where a frame can relate to other frames more than once (e.g. a condition requiring multiple conditions), it was possible to add the exact same frame as related frame more than once. This has been resolved.

Creating frames of the *same type* with the *same name* in the *same docket* was not prohibited consistently throughout all frame types. This has been fixed.

In Legal Analysis, conditional relations were sometimes not shown, although they were stored correctly. This has been resolved.

Known limitations of the 1.9.0 release

The user-changed value of referenced annotations of the Legal Analysis DSL is stored with the frame correctly and is part of the export and import. But they are not yet available in the documentation portal.