

DELIVERABLE

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Deliverable 9.3 Annotation Component Integration

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C	Confidential, only for members of the consortium and the Commission Services	

Revision History

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1	2012-05-04	Krzyś Wojciechowski	ICM	Initial document structure
2	2012-05-04	Mark James	MML	Added details and specifications
3	2012-05-07	Krzyś Wojciechowski	ICM	Revision
4	2012-05-07	Jiří Rákosník	IMAS	Revision and finalization

Statement of originality:

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

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Executive Summary

The document presents the current state of the Annotation Component integration into the main EuDML System. We give a brief description of every currently implemented use case together with its visualization.

1. Introduction


The document presents the current state of the Annotation Component integration into the main EuDML System. Every use case described in D9.1 [1] and integrated by the current time is presented as appropriate screenshot of the completed integration into the website component, and is supported by methods within the component. The component exists as a separate service and is integrated via internal remoting interfaces.


Work is continuing to improve the user interface and testing to ensure that the Annotation Component is functioning as expected and to review that the integration of the Annotation Component with the EuDML website has been completed in a way which makes each function clear to the user.

2. Use Cases

2.1. Ability to show all annotations on an item page on the website (D9.1 UC1)

Notes  RSS
top 


 **Add a note**

Post a Note 



Tips
 This is a tip on how to quote text within the note
 This is a tip on how to add a URL to the note
 This is a tip on how to add a reference to a note

Submit

D9.1 UC1

 ***"This is the selected text from the article. Lorem ipsum is dummy text"***

This is a comment about a selection of the article. Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Posted by **Name Surname** on **23 December 2012**  [reply to this comment](#)
 [flag this comment as offensive](#)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer.

Posted by **Name Surname** on **23 December 2012**

Annotations which are of a comment type are listed on the page for a EuDML item.

2.2. Ability to create comments on the website (D9.1 UC2)

Notes  RSS
D9.1 UC2
top 

+
Add a note

Post a Note 

Tips

This is a tip on how to quote text within the note

This is a tip on how to add a URL to the note

This is a tip on how to add a reference to a note

Submit

“”

"This is the selected text from the article. Lorem ipsum is dummy text"

This is a comment about a selection of the article. Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Posted by **Name Surname** on **23 December 2012**

↩

[reply to this comment](#)

⚠

[flag this comment as offensive](#)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer.

Posted by **Name Surname** on **23 December 2012**

Users can create comment annotations of different types, which are then stored by the annotation component.

Annotations added by the website are then available via the annotation component.

2.3. Ability to respond to an existing comment on the website (D9.1 UC3)

Notes  RSS top 

 **Add a note**

Post a

Tips

- This is a tip on how to quote text within the note
- This is a tip on how to add a URL to the note
- This is a tip on how to add a reference to a note

 *"This is the selected text from the article. Lorem ipsum is dummy text"*

This is a comment about a selection of the article. Lorem Ipsum is simply dummy text of the printing and typesetting industry. **D9.1 UC3**

Posted by **Name Surname** on **23 December 2012**  [reply to this comment](#)

 [flag this comment as offensive](#)



Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer.


Posted by **Name Surname** on **23 December 2012**


A user can select to reply to an existing annotation by hovering over that annotation in the EuDML website interface or by using the annotation component programmatically and including the EuDML identifier for that comment.

Clicking this item will then ask the user to enter their reply, which will be added as an annotation with a stored reference in the triple store to the original annotation.

2.4. Ability to suggest a correction to the metadata for an item via the website (D9.1 UC4)

Notes  RSS top 


 **Add a note**

Post a Note  D9.1 UC4 - the correction type can be chosen from the drop-down list


Tips


- This is a tip on how to quote text within the note
- This is a tip on how to add a URL to the note
- This is a tip on how to add a reference to a note

Submit

 *"This is the selected text from the article. Lorem ipsum is dummy text"*

This is a comment about a selection of the article. Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Posted by **Name Surname** on **23 December 2012**  [reply to this comment](#)

 [flag this comment as offensive](#)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer.

Posted by **Name Surname** on **23 December 2012**

A user can select that the ‘Correction’ type when adding a note to a EuDML item, which allows them to offer a correction for the metadata that is stored by EuDML for that item.

EuDML website administrators can then create a list of correction annotations for review by the item’s publishers.

2.5. Ability to suggest a subject for an item on the website (D9.1 UC9)

The screenshot shows the EuDML website interface. At the top, there is a navigation bar with 'Home', 'Search', 'Browse by Subject', 'Journals', and 'Collections'. The main content area is titled 'Synthesizing Checksums and Lambda Calculus' by Peet Tull, William Thompson, and Mary Mason McCauley. It includes a 'Table of Contents' on the right and an 'Access Full Article' section with download options. The 'Abstract' section is visible, followed by 'Background', 'Methods and Findings', and 'Conclusion'. A red box highlights the 'Subjects' section, which contains a 'Suggest a subject' form with a dropdown menu showing '00B15 - Collection of articles of miscellaneous specific content' and a 'Suggest' button. Below the form, there is a list of subject categories: 'Conference proceedings and collections of papers' (00B15, 00B20), 'Algebraic Logic' (03G05, 03G10), and a 'Find Similar' link. The 'From the Journal' section at the bottom right shows the article title and publisher information.

On a EuDML item page, a user can suggest a subject, which will create the appropriate annotation for review by EuDML website administrators.

The user interface for this function is currently being redesigned based on feedback to improve the display of the large list of MSC subject classifications.

2.6. Ability to report an offensive or inappropriate comment via the website (D9.1 UC12)

Notes  RSS top 

 Add a note

Post a

Tips

- This is a tip on how to quote text within the note
- This is a tip on how to add a URL to the note
- This is a tip on how to add a reference to a note

Submit

 *"This is the selected text from the article. Lorem ipsum is dummy text"*

This is a comment about a selection of the article. Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Posted by **Name Surname** on **23 December 2012** **D9.1 UC 12**

[reply to this comment](#)

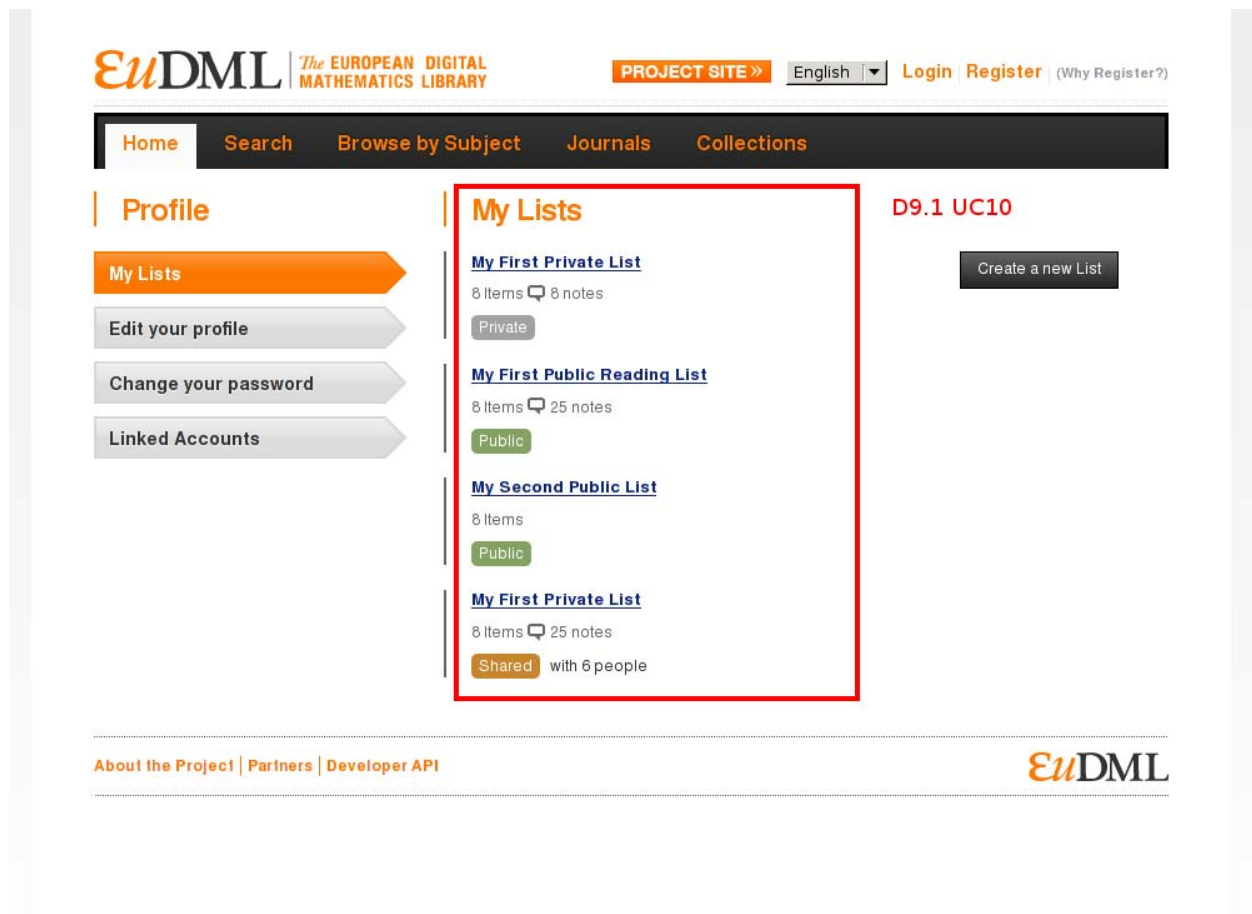
 [flag this comment as offensive](#)

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer.

Posted by **Name Surname** on **23 December 2012**

A user can report a comment by clicking on a flag this comment as offensive link which appears when a user hovers over a comment annotation. Clicking this link currently asks the user to send an email address to the EuDML moderation list, but is being improved so that it will mark the annotation as offensive in an administration template available for EuDML website moderators.

2.7. Ability to view a list of personal lists on the website (D9.1 UC10)



A user's personal lists are available from their profile, or by clicking Manage My Lists in the sidebar of an EuDML item (see the screenshot 2.5).

2.8. Ability to make a personal list public via the website (D9.1 UC16)

The screenshot shows the EuDML website interface. At the top, there is a navigation bar with links for Home, Search, Browse by Subject, Journals, and EuDML Project. Below this is a 'Profile' section with buttons for 'My Lists', 'Edit your profile', and 'Change your password'. The main content area is titled 'Create new List' and includes a form with a 'Name of list' field (containing 'My list') and a 'Visibility' dropdown menu (set to 'public'). A red box highlights the 'Visibility' dropdown, and the text 'D9.1 UC16' is placed above it. A 'Create' button is located below the form. At the bottom of the page, there is a footer with links for 'About the Project', 'Partners', 'Developer API', and 'Feedback', along with the version information 'version 1.3.0-SNAPSHOT, revision 3477' and the EuDML logo.

Users can change the visibility of the personal list between private and shared, or choose the visibility when creating a list.

2.9. Ability to make a personal list private via the website (D9.1 UC17)

The screenshot shows the EuDML website interface, similar to the previous one. The 'Create new List' form is shown with the 'Visibility' dropdown menu set to 'private'. A red box highlights the 'Visibility' dropdown, and the text 'D9.1 UC17' is placed above it. The 'Name of list' field contains 'My list' and the 'Create' button is visible below the form. The footer at the bottom of the page is identical to the previous screenshot, including the navigation links, version information, and the EuDML logo.

Users can change the visibility of the personal list between private and shared, or choose the visibility when creating a list.

2.10. Ability to delete a personal list via the website (D9.1 UC14)

The screenshot shows the EuDML website interface. At the top, there is a navigation bar with 'Home', 'Search', 'Browse by Subject', 'Journals', and 'EuDML Project'. Below this is a 'Profile' section with 'My Lists' highlighted. On the left, there are buttons for 'Edit your profile' and 'Change your password'. The main content area shows 'My Lists' with a 'New list' button and a 'Create a new List' button. Two lists are displayed: 'D9.1 UC14' and 'Another one'. For each list, there is a 'Public' status, a 'Remove This List' link (highlighted with a red box), and a 'Change name and visibility' link. The 'D9.1 UC14' label is also highlighted in red. At the bottom, there is a footer with 'About the Project', 'Partners', 'Developer API', 'Feedback', and version information.

Lists can be deleted using a link available from the user's My List page. Users may only delete lists that are owned by that user.

2.11. Ability to change the name of a personal list via the website (D9.1 UC15)

The screenshot shows the EuDML website interface, similar to the previous one. The 'My Lists' section is active. The 'D9.1 UC15' label is highlighted in red. A red box highlights the 'Change name and visibility' link for the 'D9.1 UC15' list. The 'Remove This List' link is also visible. The 'Another one' list is also shown below. The footer contains the same information as the previous screenshot.

The name of a list can be changed using a form accessible from the user's My List page.

2.12. Ability to remove an item from a personal list via the website (D9.1 UC18)

The screenshot shows the EuDML website interface. At the top, there is a navigation bar with 'Home', 'Search', 'Browse by Subject', 'Journals', and 'Collections'. Below this is a 'Profile' section with options like 'My Lists', 'Edit your profile', 'Change your password', and 'Linked Accounts'. The main content area is titled 'My First Shared List' and shows a list of items. The first item, 'The Influence of Probabilistic Methodologies', has a 'Remove from List' link highlighted with a red box. The second item, 'Synthesizing Checksums and Lambda Calculus using Jog', also has a 'Remove from List' link. The third item, 'Harnessing Byzantine Fault Tolerance Using Classical Theory', is partially visible.

When viewing a list, the user can click the ‘Remove from List’ link to remove the association between a EuDML item and that list.

2.13. Ability to share a personal list via the website (D9.1 UC11)

The screenshot shows the EuDML website interface. At the top, there is a navigation bar with 'Home', 'Search', 'Browse by Subject', 'Journals', and 'Collections'. Below this, the 'Profile' section is visible, with 'My Lists' highlighted. The 'My First Shared List' is displayed, showing a 'Shared' status with email addresses and a 'Sharing Settings' button. The list contains two entries: 'The Influence of Probabilistic Methodologies' and 'Synthesizing Checksums and Lambda Calculus using Jog', each with a 'Remove from List' button.

Users can add the email addresses for other users using Sharing Settings form available when viewing a list. This allows management of shared lists.

3. Next Steps

To refine the component website integration to ensure that each point of interaction between a user and the annotation functionality is clear and provides the necessary interface. This includes improving adding annotations with detecting internal and external hyperlinks inside annotation body (D9.1 UC7, UC8) and allowing users to withdraw a comment that they previously added to the website (D9.1 UC19)

To implement administration screens alongside WP6 to allow for moderation of subject additions (D9.1 UC9), metadata corrections (D9.1 UC6) and flagged annotations (D9.1 UC13).

References

- [1] Mark James, Vanessa Gorman: Annotation Component Design. Deliverable 9.1 of CIP-ICT-PSP project 250503 EuDML: The European Digital Mathematics Library.