DELIVERABLE

Project Acronym: EuDML
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Project Title: The European Digital Mathematics Library

D6.2 – User Interface Design

Revision: [10]

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<table>
<thead>
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<th>Dissemination Level</th>
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<td>P</td>
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<td>Confidential, only for members of the consortium and the Commission Services</td>
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Monday, 13 December 2010
# Revision History

<table>
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<tr>
<th>Revision</th>
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<tr>
<td>1</td>
<td>2010-10-18</td>
<td>VG</td>
<td>MML</td>
<td>Initial Structure, moved previously-created wireframes and designs into deliverable report format</td>
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<tr>
<td>2</td>
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<td>MJ</td>
<td>MML</td>
<td>Changes to Executive Summary to clarify scope</td>
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<td>MML</td>
<td>Added information about proposed web technologies for mathematics rendering (MathJax)</td>
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<td>MML</td>
<td>Fixed table of contents, separated wireframe designs from annotations, added ‘Tag’ description, revised ‘Share’ options on wireframes and designs, added Web Accessibility information, added intro list to Wireframes.</td>
</tr>
<tr>
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<td>2010-11-11</td>
<td>MJ</td>
<td>MML</td>
<td>Clarified sentences on MathJax &amp; styles</td>
</tr>
<tr>
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<td>MML</td>
<td>Adjusted section numbering, made wireframe annotations text rather than image, added further detail to Web Accessibility in Design section.</td>
</tr>
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<td>VG</td>
<td>MML</td>
<td>Added ‘be ‘ to section 4</td>
</tr>
<tr>
<td>11</td>
<td>2010-12-13</td>
<td>TK</td>
<td>MML</td>
<td>Document formatting issues addressed.</td>
</tr>
</tbody>
</table>

## 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This deliverable contains original unpublished work except where clearly indicated otherwise.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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1. Executive Summary

This document details the intended interface design of the User Interface for the EuDML website, including: the layout and key structure of the website in the form of wireframe layouts; and the application of the EuDML brand identity to the wireframes resulting in graphically-designed screens.

The wireframes and graphic designs are based on the outcomes of the usability study conducted as part of Task 6.1, following key recommendations from the usability study:

- Search is important and so consideration should be given to user-friendly search functionality: Google and Google Scholar are examples of best practices in this area and incredibly familiar to web users.
- Results pages should be clear.
- Terminology – especially in relation to link naming and navigation labels – should be obvious and to the point.
- Page layout should be clear and uncluttered.
- A good DML should be a single source of information for users, giving them a high level of relevancy and enabling them to cut down on unnecessary research time.

The layout, design, terminology and user journeys have been addressed as part of the wireframes, and the branding of the application is addressed in the designs. The functionality and functional scope of the website have not been addressed, these will be addressed as part of the later deliverables (D6.3 – D6.5) and have dependencies on other Work Packages; individual elements on the User Interface Design are not finalised and can be changed within the layout and design provided as part of the scope of this document.
2. **Wireframes**

The following pages display the annotated wireframes.

We have addressed the findings of the usability study by making the search functionality easy to use as well as prominent. The simple search is similar to Google’s making it familiar and user-friendly.

The search results are easy to use and browse. We achieved this by making them work in a similar way to Google’s search results i.e. a blue link at the top that takes you to the item as well as example text highlighting the searched for terms. We have also included filters to make it easy for the user to refine and explore the results further.

During the usability study some users found certain terminology confusing. We have ensured that all terminology is clear and precise e.g. Section/navigation names clearly express their content.

The following pages are covered in the wireframes:

**Home**
This page contains an overview of the project, a simple search with search tips, login and register links, 4 call to action buttons as well as recently submitted annotations.

**Simple Search**
This simple search page works in the same way as the simple search on the homepage.

**Search Results List**
This page displays a list of results based on searches entered using the simple search or advanced search. Each item contains the title of the item, authors, year it was published, the journal it can be found in, snippets of text containing searched for keywords, number of notes and the 3 most popular tags.

**Advanced Search**
This is where the user can create a more specific search by setting up rules.

**Browse by Subject**
Using this page, items can be browsed alphabetically by subject area.

**Item - Article**
This page is an example of how an article will be displayed, however, the same format will be used for other items e.g. books.

**Article - Add note to selection**
This page displays how users can add notes to sections of item / article text.
Article - Add a note form
This page displays how users can add a comment or general notes about the whole item / article.

Author
This page contains a list of publications by the author.

Author Search
This page displays all items by a particular author. The search box will display the author name. From this page you can click through to the Author page.

Tag Page
This page displays all items based on a chosen tag. A tag is a non-hierarchical keyword or term assigned to an item. This kind of metadata helps describe an item and allows it to be found again by browsing or searching.

User Registration
This is where the user registers to become a member. The benefits of registering includes saving items to their virtual bookshelf and annotating.

User Login Page
This is where the user logs into their account using their email address and password or using OpenID. For unregistered users, there is a link to 'Register now. For users who have forgotten their password there is a link for them to reset their password.

User Profile Page - Bookshelf
This is where the user can find their virtual bookshelf (a list of their saved items). They can also update their personal information and change their password.

Collections
Users can browse items based on the collection that they belong to.

Journals
This page is used to browse journals alphabetically.
2.1. Homepage

Enter your search terms to get started

Title, Author, Keyword, citation, date…
Search
Advanced Search

Search Tips
Make your search more accurate and effective by adding 'operators' to fine-tune your search terms.

For example:
[author: brown] returns items written by people with the name Brown

What is EUDML?
EUDML makes the mathematics literature published in Europe available online, in the form of an enduring digital collection, developed and maintained by a network of institutions.

Features
1. Search and explore the collection
2. Find related items and journals
3. Save and share your findings

Recent Notes
- Synthesizing Checksums and Lambda Calculus using Jog
- Remarks on the foundations of geometry and immersion theory
- A communication based model for games of imperfect information
- Synthesizing Checksums and Lambda Calculus using Jog
- Remarks on the foundations of geometry and immersion theory

Monday, 13 December 2010
1. **Header**

1.1 This navigation contains the core site features. Clicking on 'Search' takes you to the 'Simple Search' page. Clicking on 'Browse by Subject' takes the user to the 'Browse by Subject' page. Clicking on 'Collections' takes the user to the 'Collections' page. Clicking on 'Journals' takes the user to the 'Journals' page.

1.2 The site language will default to the user's browser setting, however, they can choose their preferred language using the dropdown menu.

1.3 Clicking 'Login' will take the user to the 'User Login Page' where they can sign-in using their email and password or by using OpenID. Clicking on 'Register' will take the user to the 'User Registration Page'.

2. **Simple Search**

2.1 This is where the user can enter search terms for a simple item search. Once they have entered a search term and clicked the 'Search' button they will be taken to the 'Search Results List' page, where they can filter the results further. Clicking on 'Advanced Search' will take them to the 'Advanced Search' page.

2.2 This will provide users with tips on how to improve their search. Clicking on 'Syntax Help' will take them to a page providing detailed syntax information.

3. **What is EUDML**

3.1 This area will give a brief overview of the EUDML project

3.2 There will be three bullet points stating the key features of the site (i.e. search, find and save/share)

4. **Calls to action**

4.1 This area contains 4 buttons relating to various calls to action. Clicking on 'Advanced Search' takes the user to the 'Advanced Search' page. Clicking on 'Browse by Subject' takes the user to the 'Browse by Subject' page. Clicking on 'Browse by Collection' takes the user to the 'Collections' page. Clicking on 'Browse by Journal' takes the user to the 'Journals' page.

5. **Recent Notes**

5.1 This will contain a list of the 5 most recent user added item notes. Clicking on the item title will take the user to the 'Item' page.
6. Footer

6.1 This contains further site navigation including 'About the Project' which will take the user to a page detailing the project, 'Partners' which will take them to a page displaying information about the EUDML partners, and a link to the Developer API.
2.2. Simple Search

Enter your search terms to get started

Search Tips

Make your search more accurate and effective by adding 'operators' to fine-tune your search terms.

For example:
[author: brown] returns items written by people with the name Brown

Syntax Help
Simple Search Annotations

1. Simple Search
1.1 The simple search works in the same way as the simple search on the homepage.

After entering a search term and clicking 'Search' the results will be displayed below the search box, along with a categorised list of filters (see Search Results List)
2.3. Search Results

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

Synthesizing Checksums and Lambda Calculus using Jog
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

Harnessing Byzantine Fault Tolerance Using Classical Theory
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

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A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

Download these results (CSV)
Search Results Annotations

1. **Search results**

1.1 The search results will display 20 items per page. Each item contains the title of the item, authors, year it was published, the journal it can be found in, snippets of text containing searched for keywords (separated by ellipses and keywords highlighted in black), number of notes and the 3 most popular tags. Clicking on the item title will take you to the 'item' page. Clicking on the 'notes' will take you to the notes section on the item page. A tag is a non-hierarchical keyword or term assigned to an item. This kind of metadata helps describe an item and allows it to be found again by browsing or searching. Clicking on one of the tags will display all journals associated with that tag.

1.2 The search results can be subscribed to using RSS and downloaded as a CSV file (This functionality will be confirmed during the technical phase).

1.3 These search filters allow the user to refine the results. The top 5 filters for each category are displayed, with the most frequently occurring filter being displayed at the top, except for the 'Years' and 'Citations' categories which are displayed in descending order. The grey bars behind each filter represents their frequency visually (like a graph). Clicking on 'More' displays all items in the category (beneath the top 5). Clicking a filter displays all results within that filter term.
2.4. Advanced Search

We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations.

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations.

Synthesizing Checksums and Lambda Calculus using JooQ
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations.

Hannexing Byzantine Fault Tolerance Using Classical Theory
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations.

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
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Synthesizing Checksums and Lambda Calculus using JooQ
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations.

Currently displaying 1 – 20 of 136

Download these results (CSV)
Advanced Search Annotations

1. **Advanced Search**
   1.1 This is where the user can create a more specific search by setting up rules. The user begins by selecting 'Any' or 'All' from the top dropdown menu. Selecting 'Any' will produce results based on any of the rules set up by the user, thus including one or more of the rules. Selecting 'All' will produce results based on all of the rules set up by the user.

   1.2 The user selects rules from the main dropdown menu (see 'Advanced Search - Dropdown Expanded' for expanded view wireframe). The dropdown menu contains the following rules:

   **Item**
   - Item title contains
   - Item title does not contain
   - Item text contains
   - Item text does not contain
   - Abstract contains
   - Abstract does not contain

   **Author**
   - Author's name contains
   - Author's name does not contain
   - Authors Institution contains
   - Authors institution does not contain

   **Publication date**
   - Is published
   - Is published before
   - Is published after

   **Subject area**
   - Subject area is
   - Subject area is not

   **Tags**
   - Is tagged with
   - Is not tagged with
Journal

Journal title contains
Journal title does not contain
Journal text contains
Journal text does not contain
Journal is from edition
Journal is not from edition

Language

Language is
Language is not

Provider

Provider is
Provider is not

See previous wireframe annotation for the definition of a tag.

1.3 Sub-clauses can be added to create complex boolean queries with AND and OR clauses by clicking on the 'Add sub-clause' button. The 'Add sub-clause' button will only display when a user hovers over a rule, and should be revealed with a downwards animation.

1.4 Switching to the Simple Search will populate the simple search box with the equivalent search string as setup using the advanced search dropdowns, e.g.,

(article:title*="Example") AND (author:name="An Author")

It is expected that toggling between simple and advanced search be developed using Javascript, allowing this search query to be constructed on-the-fly and for toggling between advanced and simple search interfaces instantly.

1.5 Further rules can be added by clicking on the '+ Add another rule' button.
2.5. Advanced Search - Adding Rules

We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

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Sample Journal of Numerical Numerics
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SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

Harnessing Byzantine Fault Tolerance Using Classical Theory
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...
1. Adding Rules
1.1 This demonstrates what happens when the user adds a sub-clause
1.2 This demonstrates what happens when the user adds another rule

Rules and sub-clauses can be removed by clicking on the 'X' icon next to the keyword field.
2.6. Advanced Search - Dropdown Expanded

Advanced Search

Item
- Item title contains
- Item title does not contain
- Item text contains
- Item text does not contain
- Abstract contains
- Abstract does not contain

Author
- Author's name contains
- Author's name does not contain
- Authors Institution contains
- Authors institution does not contain

Publication date
- Is published
- Is published before
- Is published after

Subject area
- Subject area is
- Subject area is not

Tags
- Is tagged with
- Is not tagged with

Journal
- Journal title contains
- Journal title does not contain
- Journal text contains
- Journal text does not contain
- Journal is from edition
- Journal is not from edition

Language
- Language is
- Language is not

Provider
- Provider is
- Provider is not

A N Author, C D Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems
(PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

2 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...

Synthesizing Checksums and Lambda Calculus using Jon
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems
(PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

7 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...

Subjects
- Algebra
- Control and Optimization
- Groups
- Information Theory
- Number Theory

Authors
- Ruuth, S J
- Author, AN
- Author, KP
- Author, AN
- Author, KP

Journals
- The Influence of Probabilistic Methodologies on Networking

Tags
- Replacement Theory
- Networking

Years
- 2010
- 2008

Citations
- 101 - 200
- 41 - 100

Download these results (CSV)
Advanced Search - Dropdown expanded Annotations

1. Advanced Search - Dropdown rules
1.1 This demonstrates the expanded rules dropdown menu
2.7. Browse by Subject

Subject Areas

- Algebra
- Analysis
- Control and Optimization
- Discrete Mathematics
- Foundations, Sets and Categories
- Geometry
- Groups
- Information Theory
- Mathematics Education
- Number Theory
- Probability
- Statistics
- Topology

Number Theory

RSS

Items (816) Authors (506)

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

8 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...

Synthesizing Checksums and Lambda Calculus using Jog
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

4 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...

Harnessing Byzantine Fault Tolerance Using Classical Theory
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

8 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

2 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...

Synthesizing Checksums and Lambda Calculus using Jog
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We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

7 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...

Harnessing Byzantine Fault Tolerance Using Classical Theory
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

12 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...
1. **Browse by Subject**

1.1 Subject areas are listed alphabetically. Clicking on a subject area displays a list of all items from that subject area.

1.2 The user can browse the items alphabetically. Each list of items per letter of the alphabet are paginated. Clicking on the item title takes you to the 'item' page.
2.8. Item - Article

Paper Title

Peet Tüll, William Thompson, Mary Mason McCauley

Volume: 22, Issue: 1, Publisher: ACM, Pages: 5-53
ISSN: 1046-8188
DOI: 10.1145/963770.963772

Abstract

Sed nec diam eu diam mattis viverra. Nulla fringilla, orci ac euismod semper, magna diam porttitor mauris [1], quis sollicitudin sapien justo in libero. Vestibulum mattis mauris enim.

Methods and Findings


Conclusion


Citation


References


Notes

"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. 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 2010

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 2010
Item - Article Annotations

This page indicates an item stored in EuDML along with the sections of information and meta data stored for that item. This is an example of how an article will be displayed, however, the same format will be used for other items e.g. books.

1. Article details
   1.1 This area contains the article title, authors, their institutes and journal details. The author's institutes are indicated by footnote style numbering.
   1.2 The article can be downloaded in PDF and LaTeX format. External links and their sources will also be listed.
   1.3 The speech bubble icon indicates that a note has been made about this part of the abstract. Clicking on the icon jumps the user down to the note in the notes section.
   1.4 Clicking on the various tabs displays the citation in the selected format.
   1.5 References displays all references associated with the article, with a link to 'find online' where applicable.
   1.6 The table of contents lists all sections of the article. Clicking on a section will take the user to that area of the page.
   1.7 By clicking on this button, users can save the article to a virtual bookshelf. If they aren't logged in or registered they will be prompted to do so. When they are logged in there will be a link to their bookshelf at the top right of the page (see 'User Profile Page - Bookshelf').
   1.8 This displays the subject area and date the journal as added to the EUDML library. The tags are added by users.
   1.9 This displays the details of the journal that the article can be found in, with an external link to the journal.

2. Share this item
   2.1 The user can share the item via email, Mendeley, CiteULike, BibSonomy and Connotea or post it to their Twitter page. The speech bubble above the tweet button displays how many users have posted the item to their Twitter accounts. Clicking on 'Email to a colleague' will open a pop-up window containing the item link, email field where the link is to be sent to, and a message input field. Clicking on Mendeley, CiteULike, BibSonomy or Connotea will take you to the relevant site. If the user isn't logged in to the relevant site, it will take them to the login page of that site. Clicking on 'tweet' will open a pop-up window asking the user to allow EUDML to connect with Twitter. Once accepted and
logged in, the user will see an auto-completed Twitter post containing a link to the item, which they can edit before tweeting.

A review of services should occur before the final system is delivered as part of the current EuDML project

3. **On Google Scholar**
3.1 This displays related items on Google Scholar as well as a link to search for related content.

4. **Notes**
4.1 This displays notes that have been created using the highlighted text feature (see 'Article - Add a Note to Selection' wireframe) as well as general notes about the item. Highlighted text is displayed as a quote above the note. Clicking on 'Add a comment' will display a comment form (see 'Article - Add a Note Form' wireframe). The annotation functionality is dependant on the scope of WP9.
2.9. Article - Add a Note to Selection

Paper Title
Peet Tüll[1], William Thompson[2], Mary Mason McCauley[3]

Volume: 22, Issue: 1, Publisher: ACM, Pages: 5-63
ISSN: 1044-6688
DOI: 10.1145/983770.983772

Access Full Article

Abstract

Methods and Findings

Conclusion
Maecenas quis tortor arcu. Vivamus rutrum nunc non neque conseueter quis placerat neque lobortis. Nam vestibulum, arcu sodales feugiat consectetur, nisi orci bibendum elit, eu euismod magna sapien ut nibh. Donec semper quam soelerisque tortor dictum gravida.

Cite this

References

Notes

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Add a note

Add a tag

Add to my bookshelf »

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Abstract

Subject Areas

References

Notes

Access Full Article

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1. Institute 1
2. Institute 2
3. Institute 3

ACM Transactions on Information Systems

Download PDF

External link 1 [source]

External link 1 [source]

This article is available to download from [source] for x amount of time

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 2010

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 2010
Annotations are displayed as suggestions for interface design and layout; the annotation functionality is dependant on the scope of WP9.

1. **Adding a note to a selection of text**
   1.1 When the user highlights a section of the article, a pop up form will appear for them to add their comment. If the user is not logged in they will be prompted to login. Once the note has been posted it will appear in the notes list at the bottom of the page with the highlighted text displayed as quote.
2.10. Article - Add a Note to Selection - Not logged in

Paper Title
Peet Tüll[1], William Thompson[2], Mary Mason McCauley[3]
[1] Institute 1
[2] Institute 2
[3] Institute 3

Volume: 22, Issue: 1, Publisher: ACM, Pages: 5-3
ISSN: 10468188
DOI: 10.1145/963770.963772

Access Full Article
This article is available to download from [source] for x amount of time

Abstract

Background

Methods and Findings
Aliquam erat volutpat. Mauris vel neque sit amet nunc gravida congue sed ut dui. Morbi malesuada nulla nec purus convallis consequat.

Conclusion
Maecenas quis tortor arcu. Vivamus rutrum nunc non neque consectetur quis placerat neque lobortis. Nam vestibulum, arcu sodales feugiat consectetur, nisi orci bibendum eu, eu euismod magna sapien ut nibh. Donec semper quam sollicitus tortor dictum gravida.

Cite this

References

Notes
Add 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.

posted by name surname on 23 December 2010

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 2010

Monday, 13 December 2010 25
1. Adding a note when not logged in
1.1 This pop up appears if the user tries to add a note to an article without being logged in or registered. Clicking 'login' will take them to the 'User Login Page', clicking 'register' will take them to the 'User Registration Page'. They can cancel the note by clicking on 'cancel this 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.

posted by name surname on 23 December 2010
Article - Add a Note Form Annotations

1. Notes

1.1 When the user clicks on the 'add a note' button (see 'Article' wireframe) a simple input form appears where the user can write a general note about the article. If they are not logged in or registered they will be prompted to do so.

1.2 This block provides users with tips on formatting elements such as 'how to add a quote', 'how to add mathematical formula', 'how to add a reference', 'how to add an article link' etc. The specific help syntax will be confirmed as part of the technical design.
2.12. Author

A N Author
Institution Title

Latest Items

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

4 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...

Synthesizing Checksums and Lambda Calculus using Jog
A N Author (2004)
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

4 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...
Author Annotations

1. Author page

1.1 This page contains a list of publications by the author as well as a table of contents and the ability to share the page via email and Facebook.

1.2 The Journals list should display journals where the author holds editorial and similar positions.
2.13. Author Search

We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations.

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
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Harnessing Byzantine Fault Tolerance Using Classical Theory
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Harnessing Byzantine Fault Tolerance Using Classical Theory
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parametrised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations.
Author Search Annotations

1. **Author Search**
   1.1 This box contains the Author's name and Institution with a link to the searched for Author's page.
   
   1.2 This page displays all items by a particular author. The search box will display the author name.
   
   1.3 The selected author name is displayed here.
We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics

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Sample Journal of Numerical Numerics

We introduce the concept of consistent correlations for parameterised Boolean equation systems (PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...
Tag Page Annotations

1. **Tags**
   1.1 This page displays all items based on a chosen tag.
   
   1.2 The selected tag is displayed here.
2.15. User Registration

Register now to comment on items and add them to your bookshelf. Accounts are free.

* Required fields

First Name
Surname
Email Address
Confirm Email Address
Institution
Academic Level
Location
Subjects of Interest

Tips

1. Why are we collecting this information?
   Given the nature of our website, we collect a limited amount of personal information such as your institution, academic level and location in order to provide a better service and give you the information you seek.

2. Choosing a password
   The more characters your password contains, the harder it is for someone to guess it. Use a combination of letters, numbers and symbols.

3. Editing your profile information
   You can update your registration information once you have registered by logging in and clicking on your username in the top right corner of the site.

Password
Confirm Password

Password must be at least 6 characters
User Registration Annotations

1. **Registration**

1.1 Registration form containing the following fields:

1. First Name
2. Surname
3. Email Address & confirmation
4. Institution
5. Academic Level
6. Location
7. Subjects of interest
8. Biography / profile
9. Password & password confirmation

Required fields are marked with *

1.2 As the user fills in their academic level, a drop down will appear listing a range of options.

1.3 This panel contains a list of tips and help with registering as well as details about why certain information is being collected (i.e institution, academic level and location). The specific tips will be confirmed as part of the technical design.
2.16. User Login

Login

Login with your email address

- Email Address
- Password

Use the information you registered with to login.

Not a member? Register now.

Forgotten your password?

Login with OpenID

OpenID allows you to use an existing account to sign in to multiple websites, without needing to create new passwords.

E.g. Google, Yahoo! accounts

Learn about OpenID

Login ➤

Monday, 13 December 2010
User Login Annotations

1. Login

1.1 Users can login using their email address and password. For unregistered users, there is a link to 'Register now. For users who have forgotten their password there is a link for them to reset their password.

1.2 Users can login using OpenID. There is a brief overview of OpenID as well as a link to find out more about OpenID.

(For more information see http://en.wikipedia.org/wiki/OpenID).
The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems
(PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...
6 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...
Remove from Bookshelf

Synthesizing Checksums and Lambda Calculus using Joq
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems
(PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...
4 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...
Remove from Bookshelf

Harnessing Byzantine Fault Tolerance Using Classical Theory
SIAM Journal of Numerical Analysis
We introduce the concept of consistent correlations for parameterised Boolean equation systems
(PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...
8 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...
Remove from Bookshelf

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
We introduce the concept of consistent correlations for parameterised Boolean equation systems
(PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...
2 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...
Remove from Bookshelf

The Influence of Probabilistic Methodologies on Networking
A N Author, C O Author — 2004
Sample Journal of Numerical Numerics
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(PBESs), motivated largely by the laborious proofs of correctness required for most manipulations...
6 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...
Remove from Bookshelf

Monday, 13 December 2010
User Profile Page - Bookshelf Annotations

1. Bookshelf

1.1 This is where the user can find a list of their saved items. They can remove items from their bookshelf by clicking on the 'Remove from Bookshelf' link.
2.18. User Profile Page - Edit your profile

Profile

First Name
Name
Surname
Surname
Email Address
name@webaddress.com
Confirm Email Address
name@webaddress.com
Institution
Institution
Academic Level
PhD
Location
Location
Subjects of Interest
Subject 1, Subject 2, Subject 3

Separate each subject by a comma.
E.g. Applied Statistics, Linear Algebra

Biography
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 took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting.

A short paragraph about yourself (no more than 100 words)

Update »
User Profile Page - Edit your profile Annotations

1. Edit your profile
   1.1 This is where the user can update their personal information
2.19. User Profile Page - Password change

Profile

Bookshelf
Edit your profile
Change your password

Email
Old password
New Password
Confirm New Password

Password must be at least 6 characters
User Profile Page - Password change Annotations

1. Change your password

1.1 This is where the user can change their password. They must enter their email address and old password in order to create a new one.
2.20. Collections

Source Library

CMD Journal Articles, 1810 - 2006
CMD Journal Articles, 2001 - 2006
CMD/BNF Journal Articles, 1836 - 1934
CMD/BNF Collected Works
ICM Journal Articles, 1898 - 2006
ICM Journal Articles, 1920 - 1927
ICM Journal Articles, 1921 - 2005
ICM Journal Articles, 2001 - 2007
ICM Books, 1924 - 1979
EDPS Journal Articles, 2001 - 2007
IST Journal Articles, 1948 - 2008
SUBGoe RusDML Journal Articles
SUBGoes Mathematica (ERAM / JFM) Journal Articles, 1877 - 2001
SUBGoes Mathematica (ERAM / JFM) Books, 1596 - 1993
IMAS Journal Articles, 1951 - 2008
IMAS Journal Articles, 1992 - 2008
IMAS Books, 1810 - 1981
IMAS Conference Proceedings
CSIC Journal Articles, 1948 - 2008
IU Journals and Conference Proceedings, 1850 - today
FIZ References and Reviews from ZMATH, 1898 - today
FIZ Journal Articles, 1990 - now

EDPS Journal Articles, 2001 - 2007

Currently displaying 1 – 20 of 136

Previous 1 2 3 4 5 6 7 ... 22 Next →

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Other

The Influence of Probabilistic Methodologies on Networking
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Sample Journal of Numerical Numerics
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4 notes — 12 tags: Sample, Distribution Functions, Replacement Theory...
Collections Annotations

1. Collections

1.1 Items are viewed by the collection they belong to.
### 2.21. Journals

<table>
<thead>
<tr>
<th>Journal Name</th>
<th>Publication Dates</th>
<th>Languages</th>
<th>Edition Count</th>
<th>Number of Articles</th>
<th>Provider</th>
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<tr>
<td>Belgian Diaspora Journal of Mathematics</td>
<td>1810 – 2006</td>
<td>Belgian, French, Italian</td>
<td>85</td>
<td>690</td>
<td>CMD</td>
</tr>
<tr>
<td>Communications in Mathematical Analysis</td>
<td>1810 – 2006</td>
<td>Belgian, French, Italian</td>
<td>85</td>
<td>690</td>
<td>CMD</td>
</tr>
<tr>
<td>Madrid Mathematical Journal</td>
<td>1810 – 2006</td>
<td>Spanish, Belgian, French</td>
<td>85</td>
<td>690</td>
<td>CMD</td>
</tr>
<tr>
<td>Mathematical Journal</td>
<td>1810 – 2006</td>
<td>Belgian, French, Italian</td>
<td>85</td>
<td>690</td>
<td>CMD</td>
</tr>
<tr>
<td>Journal of Mathematics of Amsterdam University</td>
<td>1810 – 2006</td>
<td>Belgian, French, Dutch</td>
<td>85</td>
<td>690</td>
<td>CMD</td>
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</tr>
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<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>…</th>
<th>22</th>
<th>Next</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, 13 December 2010</td>
<td>47</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Journals Annotations

1. Journals
1.1 This page lists all journals. They can be browsed alphabetically.
3. Designs

The key page designs are displayed below.

Web accessibility refers to the inclusive practice of making web pages easier to navigate and read. While this is primarily intended to assist those with disabilities, it can be helpful to all readers.

To conform with Web Content Accessibility Guidelines 1.0, the foreground and background color combinations provide sufficient contrast when viewed by someone with impaired vision or colour blindness, or when viewed on a black and white screen.

The formula suggested by the World Wide Web Consortium (W3C) to determine the brightness of a colour is:

\[
\frac{((\text{Red value} \times 299) + (\text{Green value} \times 587) + (\text{Blue value} \times 114))}{1000}
\]

Two colours provide good colour visibility if the brightness difference is greater than 125 and the color difference is greater than 500.

We have made it easy to distinguish between various elements such as navigation, titles, links, and body text by using different font sizes as well as colour contrast.

The designs will be adjusted, in terms of web accessibility, based on the outcomes of WP10.

Usability has been addressed by using simple terminology as well as incorporating familiar conventional interface components such as the Google style search results.

We have created typographic contrast and flow by emphasising certain text. Contrast is important because not all content within a page has the same value, some content has greater significance than others. By creating contrast, you can direct the user’s attention to the important information and at the same time enhance the visual appearance.

Space has been used to keep the page clear and uncluttered as well as to inform the user where each element starts and ends and what to do next.

As well as the key page designs we have included a breakdown of all font, link and button styles for consistency and to aid web development. (see Styles - Typography, links and buttons)
3.1. Homepage

EU DML makes the mathematics literature published in Europe available online, in the form of an enduring digital collection, developed and maintained by a network of institutions.
3.2. Advanced Search

Currently displaying 1 – 20 of 136

<table>
<thead>
<tr>
<th>Titles</th>
<th>Subjects</th>
<th>Authors</th>
<th>Journals</th>
<th>Tags</th>
<th>Years</th>
<th>Citations</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Influence of Probabilistic Methodologies on Networking</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Synthesizing Checkboxes and Lambda Calculus using JSG</td>
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<tr>
<td>Remotely Accessible Fault Tolerance Using Classical Theory</td>
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</tr>
</tbody>
</table>

Downloaded Results (CSV)

About the Project (PDF: EUDML API)

Monday, 13 December 2010
3.3. Article

Synthesizing Checksums and Lambda Calculus

Post TST(1), William Thompson(2), Mary Mason McCaulley(1)

Volume 22, Issue 1, Publisher: ACM, Pages 5–50
ISSN: 1066-022X
DOI: 10.1145/95072

Access Full Article

This article can be downloaded from www.xystress.com for 9 days

LaTeX www.xystress.com [Source]

Abstract

(Add a note [by highlighting the text])

Background

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 took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Methods and Findings

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 took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged.

Conclusion

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Cite this

BibTeX MLA Harvard...

References

   Available at: http://www.trialbymathematics.org


Notes

Add a note

Lorem ipsum is simply dummy text of the printing and typesetting industry.

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3.4. Article - Add a Note

Synthesizing Checksums and Lambda Calculus
Paul Tufts, William Thompson, Mary Mason McCauley
Volume: 22, Issue: 1, Publisher: ACM, Pages: 5-33
DOI: 10.1145/950772

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References

Notes
Lorem ipsum is dummy text of the printing and typesetting industry. Lorem ipsum is dummy text of the printing and typesetting industry.

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3.5. Registration

Tips

1. **Why are we collecting this information?**
   - Given the nature of our website, we collect a limited amount of personal information such as your institution, academic level, and location in order to provide a better service and give you the information you seek.

2. **Choosing a password**
   - The more characters your password contains, the harder it is for someone to guess it. Use a combination of letters, numbers, and symbols.

3. **Editing your profile information**
   - You can update your registration information once you have registered by logging in and clicking on your username in the top right corner of the site.
3.6. Styles - Typography, buttons and links
The following images detail the general web styles to be used as part of the EuDML web user interface; these documents are available as layered files for use when creating the HTML front-end website templates for use in the User Interface Implementation task.
4. Mathematics Rendering

To display mathematics in the context of the EuDML web interface, implementors should use MathJax (http://www.mathjax.org/), which is a Javascript-based technology which can provide an accessible progressive-enhancement of MathML and TeX-formatted source to the rendered expression.

MathJax also allows for copy and paste of expressions, and is supported in all A-grade browsers (including Internet Explorer 6-9, Firefox 3+, Chrome and Safari, along with modern mobile browsers).

Where expressions in MathML/LaTeX exist in item metadata, the expression will be automatically enhanced with MathJax when presented to a user with a compatible browser. LaTeX should be demarked using standard delimiters ($$, \[ and \, but not $). MathML should be included in the XHTML document namedpaced (although it is currently expected that the document will be served via the text/html content type).

Where user input is added as part of the annotation component (WP9) which contains MathML or LaTeX expressions, this should be treated as above. MathML should be namedpaced appropriately by the web interface, and information on these should be available via the formatting tips/help page available to users adding annotations. The instances in which expressions can be added to annotations is scope for WP9 Annotation Component.