



Beyond Usability

Building Discovery Tool Requirements
through User Stories

Library Assessment Conference
October 30, 2012

David Bietila

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Web Program Director
The University of Chicago Library

Discover <



Association
 Translation
 Discovery trail
 Spelling variation
 Thesaurus term

Results 1 - 25 of 16,424 for **new media**, sorted by: relevance - link to this result page > Print RES FEEDS

Your query: new media



1. New new media / Paul Levinson.

Levinson, Paul.
Boston : Allyn & Bacon, c2009.
Penguin academics

Found: New (8) Media (5)
Regenstein, Bookstacks ZA4150 .L48 2009

>> Save or tag...



Refine

- ▼ **Format**
 - > Book (15,239)
 - > E-Resource (3,206)
 - > Ebook (2,903)
 - > Library Website (324)
 - > Serial (303)
 - > 15 more...



2. New new media / Paul Levinson.

Levinson, Paul.
Boston : Pearson, [2013], ©2013.
Penguin academics.

Found: Media (2) New (2)
Regenstein, Bookstacks ZA4150.L48 2013

>> Save or tag...



- ▼ **Author / Creator**
 - > Shakespeare, William, 1564-1616 (80)
 - > NetLibrary, Inc (39)
 - > Library of Congress. Federal Research Division (37)
 - > Human Rights Watch (Organization) (29)
 - > Chomsky, Noam (28)
 - > 22,105 more...



3. The New media : communication, research, and technology / Ronald E. Rice ... [et al.] ; foreword by Robert Johansen.

Beverly Hills : Sage Publications, c1984.

Found: Media (11) New (10)
Regenstein, Bookstacks P96.T42N53

Table of Contents:

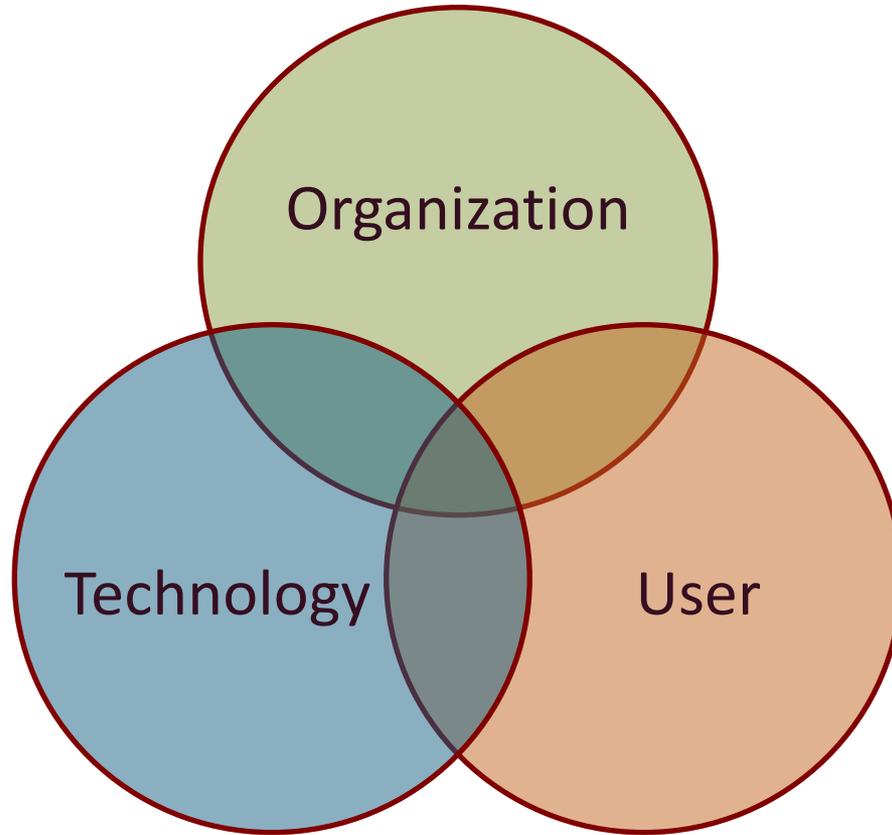
- Part 1 **New Media** Technology and Research - Ronald E Rice
- Development of **New Media** Research - Ronald E Rice
- New Media** Technology: Growth and Integration - Ronald E Rice Frederick Williams

- ▼ **Topic / Genre**
 - > United States (3,413)
 - > Electronic books (1,978)
 - > History (1,633)
 - > Congresses (1,570)
 - > Mass media (1,432)
 - > 15,379 more...

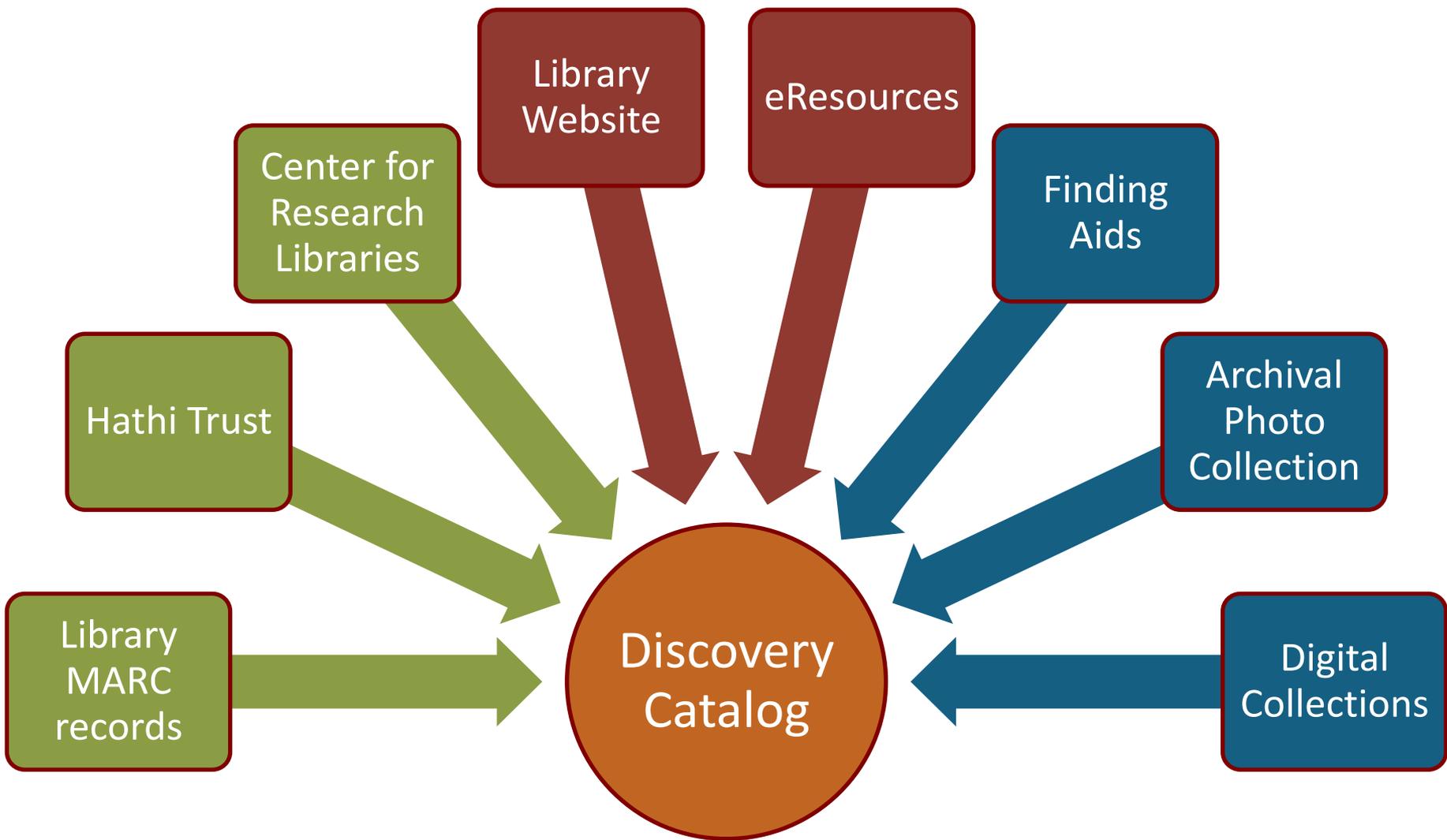
- ▼ **Language**
 - > English (15,627)



Three perspectives



Adapted from *Making Things Happen: Mastering Project Management*,
by Scott Berkun, 2008, Sebastopol, CA: O'Reilly Media, Inc.





new media

Library Catalog

Find

Combined Results

Books & more

Articles & more

Course Reserves

Search History

New Items

Journal Finder

Borrow from Other Libraries

Books & more

[more options »](#)

library books, videos, CDs, microform, local resources

Showing 1 - 10 of 4416 for search: 'new media'.



News media and new media /

Published 2003

Table of Contents: "...Capacity Building: **New Media** Research, Education and Training for the Newsroom /..."

Call Number: P92.A7 N49 2003

Located: Falvey Main - 3rd Floor

● Available



Book



New media, old media : a history and theory reader /

Published 2006

Table of Contents: "...Early film history and multi-media: an archaeology of possible futures? / Thomas Elsaesser..."

Call Number: P90 .N52 2006

Located: Falvey Main - 3rd Floor

Articles & more

[more options »](#)

full-text articles, e-books, electronic subscription resources

Showing 1 - 10 of 5310503 for search 'new media'.

NEW MEDIA

by Barton, Roger Neil

Published in Media History (11/2010)



Journal Article

New Media

by Anonymous

Published in The ADHD Report (02/2009)

"...ADHD in Adults: What the Science Says Barkley, R. A., Murphy, K. R., & Fischer, M. (2008). **New** York: Guilford. Providing a **new** perspective on ADHD in adults..."



Journal Article

New Media



Catalog Search

new media

All Fields

Full view only **Find**

[Advanced Catalog Search](#)

Search Tips

Refine Search

Viewability

[Limited \(search-only\)](#) (2990)

[Full view](#) (108)

Subject

[Mass media](#) (708)

[United States](#) (149)

[Communication](#) (124)

[Journalism](#) (91)

[Popular culture](#) (87)

[more...](#)

Author

[Freedom Forum Media Studies Center](#) (15)

[Rawlinson, George, 1812-1902](#) (15)

[SpringerLink \(Online service\)](#) (14)

[American Society of Mechanical Engineers. Heat Transfer Division](#) (13)

[Email this Search](#)

Showing **1 - 20** of **3093** Results for **all fields:new media**

Sort

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [Next »](#) [[156](#)]



Newmedia.

Published 1991

[Catalog Record](#) (view record to see multiple volumes)



The New media : communication, research, and technology / Ronald E. Rice ... [et al.] ; foreword by Robert Johansen.

by Rice, Ronald E.

Published 1984

[Catalog Record](#) [Limited \(search-only\)](#)



CATALOGUE

new media All Fields FIND

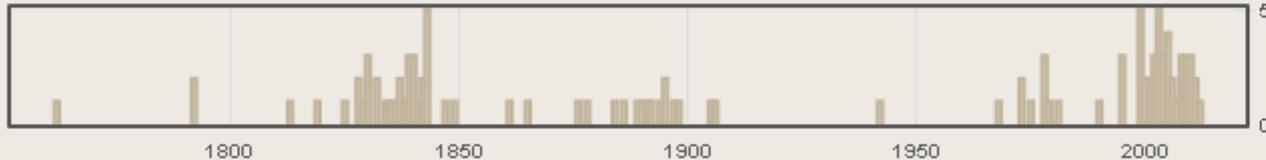
SHOW DIGITISED ITEMS ONLY

Showing 1 - 20 of 112 for search: 'new media'



Sort Relevance

Year of Publication



See also:

Communication International cooperation

Towards **new media** paradigms : II Cost A20 International Conference Proceedings, Pamplona (Spain...)

by International Conference of Cost A20. (20 : 2003 : Pamplona)

Published / Created: [2004]

Subjects: "...Mass **media**..."

Book

New media, 1740-1915 /

Published / Created: c2003.

Table of Contents: "...What's **new** about **new media**? / Geoffrey B. Pingree and Lisa Gitelman – Zograsopes, virtual reality..."

Book

Irish **media** : a critical history since 1922 /

by Horgan, John, 1940-

Published / Created: 2001.

Subjects: "...Mass **media** – Ireland – History – 20th century..."

Book



FILTER YOUR SEARCH

FORMAT

Microfilm (52)

Book (50)

Journal (8)

Prints & Drawings (2)

YEAR OF PUBLICATION

From: To:



ONLINE AVAILABILITY

Not Digitised (112)

SUBJECT

History (17)

Mass media (10)

History and criticism (6)

Advertising, Classified (4)

Politics and government (4)

more ...

AUTHOR

Greer, Edward, fl. 1881-1897 (2)

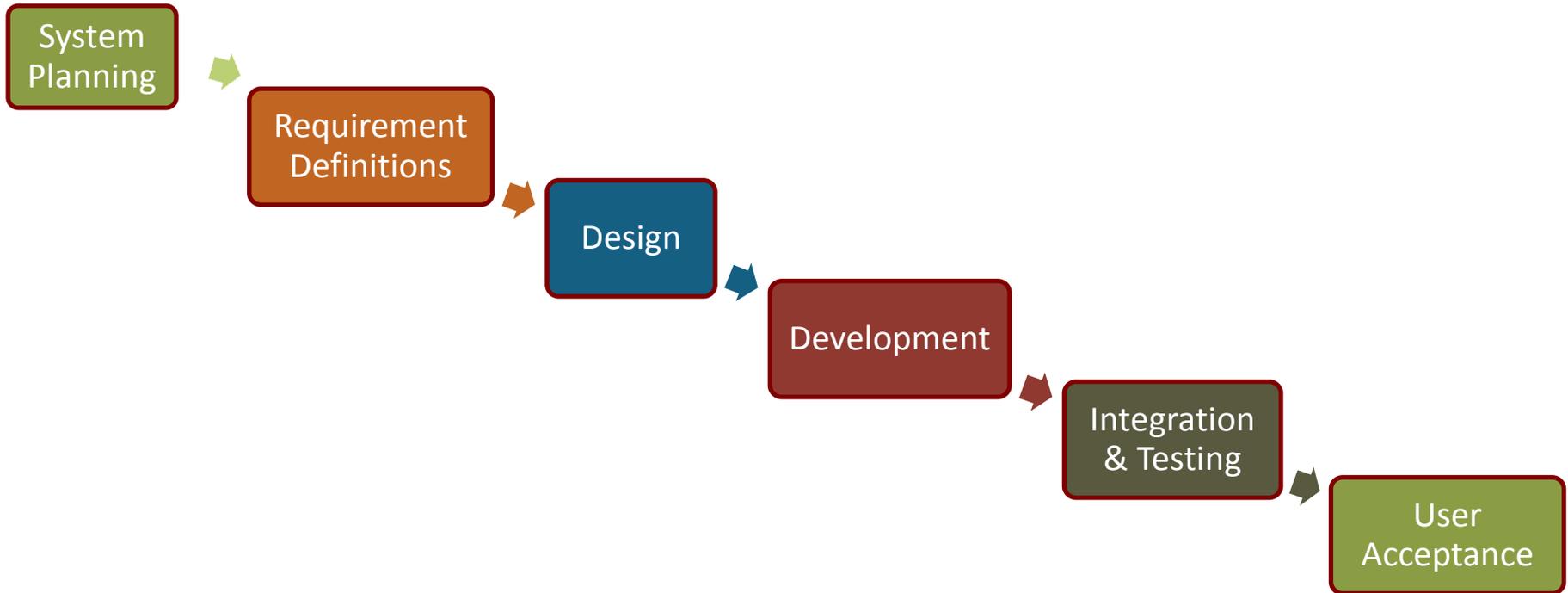
Hayes, Edmund, 1804-1867 (2)

Jebb, Robert, 1807-1885 (2)

I Invd Bartholmew Clifford

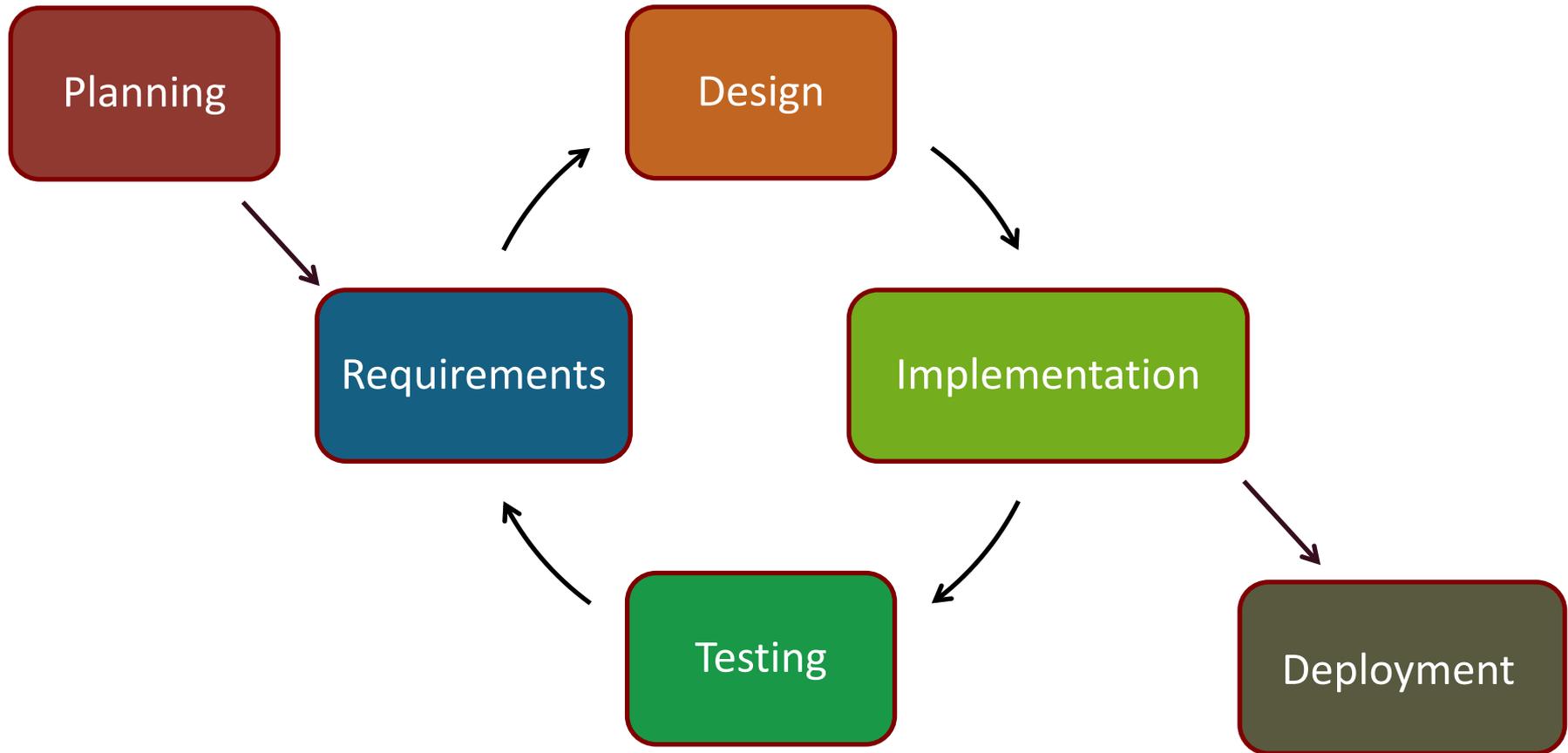


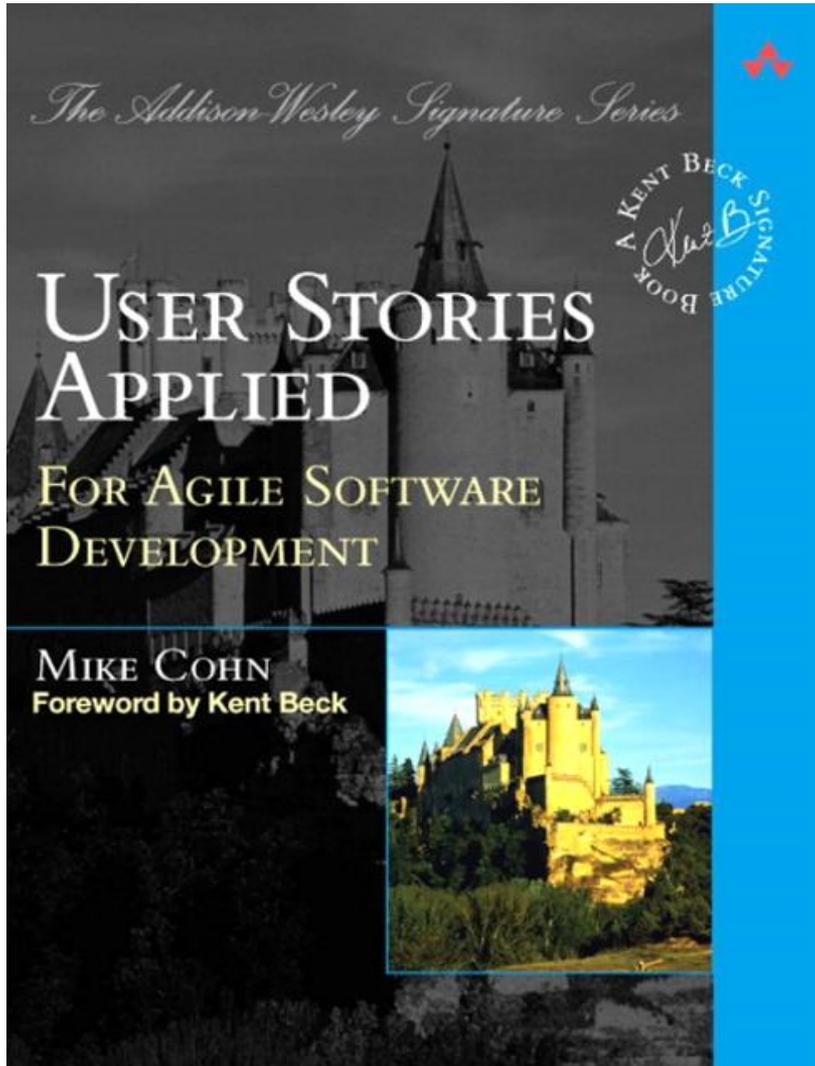
Waterfall Development





Iterative Development





Cohn, Mike. *User Stories Applied for Agile Software Development*. (Boston: Addison-Wesley, 2004).

Comments from 2010 Survey of Graduate Students

1. The lion's share of the library's focus should be on improving and streamlining its online catalogs and related tools. (To make them as user-friendly and helpful as possible.)
2. The catalogs don't really give helpful results, especially the "library catalog". I've seen exact word matches of what I'm looking for 40-50 results down from the top.
3. I find the library catalog rather difficult to navigate, particularly the search tool- perhaps that could be made a little more user-friendly.
4. I feel that the catalog could be easier to use.
5. The library catalog systems are difficult to navigate and not very user-friendly.
6. The catalogs are, at times, extremely user-unfriendly. I have entered exact titles and had the book that was in the collection not appear anywhere in my search. It would be nice if we could utilize the collection that we have!
7. A lot of older research is not necessarily as relevant or useful--it would be helpful to organize search results by how up-to-date they are.





Interview Topics

1. General Impressions
2. Context of Use
3. Integration
4. Searching and Browsing
5. Design of Results and Records
6. Formats, Limits, and Languages
7. Using Records

- *What kinds of tasks bring you to the catalog?*
- *Once you find the record you need, what is the next thing that you typically do with that information?*

- ***What kinds of tasks bring you to the catalog?***
 - Do you use the catalog to find call numbers of specific titles?
 - Do you use the catalog to verify citations?
 - Do you use the catalog to discover the literature on a given topic?
 - Do you use the catalog to access electronic resources?
- ***Once you find the record you need, what is the next thing that you typically do with that information?***
 - What information would make it easier for you to locate items in the library?
 - How important to you are the ability to email records, text records, or export records to citation management software?

68. Prioritize exact title matches

I'd like exact title matches to appear at or near the top of the results list.

Search "Science" and "Nature" journal title. Search alternate title (740, 246, etc.)

117. Single search box

As an occasional user, I want to search for a book using a single search box similar to Google or Amazon in order to look around for something.

Author/title mcnamara death at pullman. Case insensitive.

Stories should be modular and discrete

I need to sort search results by library, by availability, by floor & shelf location, by title, by author, by publication date, by format, and by call number.

Stories should describe a need, not a solution

I would say displaying the table of contents for every book would be a tremendous waste of space but if you could have a little link thing saying “display table of contents” and then connect it via Ajax ... to display it.

Stories should describe a concrete, satisfiable requirement.

I would like results to be displayed in an uncluttered fashion with adequate white space, with text that is easy to read, not overly dense, in a legible font, and not too small.

CM: So are you going in looking for the editor or are you trying to combine fields? How are you doing this?

CP: I mean you try to combine fields, I mean if you have a famous editor of course, you are running into troubles so if you have an editor who has editor 200 texts, I'm just going down the list but then it's important that you can actually sort your results by, for instance, authors—you would only get the texts by this particular author. I mean you can easily find the text of one particular author edited by that editor. And in this regard I think one of the things that could be very helpful especially in a field with complex bibliographical reference, if you would have an advanced search where you can enter several fields at once. So you can for instance search by author and editor and year, or publisher or what have you not. And then find what you are looking for rather quickly because in classics, we are often dealing with books that are published in the 19th century, and sometimes you know for very rare texts that don't interest anyone, first edition author takes maybe in the late 18th century. And it's still the text that people refer to and people are using. And I think this is something that people tend to forget, that the books that we are using are not all published in the late 20th or the 21st century. Where you know you have ISBN numbers and was pretty clear what the conventions are. So if you have to deal with conventions that go back such a long period of time, I think it is important to have as many search masks as possible and an advanced search masks for really tricky things that you try to find.

CM: So are you going in looking for the editor or are you trying to combine fields? How are you doing this?

CP: I mean you try to **combine fields**, I mean if you have a famous editor of course, you are running into troubles so if you have an editor who has editor 200 texts, I'm just going down the list but then **it's important that you can actually sort your results by, for instance, authors—you would only get the texts by this particular author**. I mean you can easily find the text of one particular author edited by that editor. And in this regard I think one of the things that could be very helpful especially in a field with complex bibliographical reference, if you would have an **advanced search where you can enter several fields at once. So you can for instance search by author and editor and year, or publisher or what have you not**. And then find what you are looking for rather quickly **because in classics, we are often dealing with books that are published in the 19th century, and sometimes you know for very rare texts that don't interest anyone, first edition author takes maybe in the late 18th century. And it's still the text that people refer to and people are using. And I think this is something that people tend to forget, that the books that we are using are not all published in the late 20th or the 21st century. Where you know you have ISBN numbers and was pretty clear what the conventions are. So if you have to deal with conventions that go back such a long period of time, I think it is important to have as many search masks as possible and an advanced search masks for really tricky things that you try to find.**

- Catalog User Story
- Other User Story
- Misconception
- Usage
- Context

Categories	Unique Stories
Search	34
Use	26
Results	25
Interface	22
Limits	17
Contents	16
Full Record	16
Browsing	14
Language	12
Integration	10
Suggestions	7
Deduping	5
Performance	2
User-created content	2



Frequently Requested Stories

- **Current Catalog Functions**
 - Call number browse
 - Export options
- **Desired Catalog Functions**
 - Availability of results
 - Display key literature

Search the library catalog using one or more keywords.

Search by:

General	<input type="text"/>	and	
Title	<input type="text"/>	and	
Author	<input type="text"/>	and	
Subject	<input type="text"/>		

Refine your search (optional):

You can refine your search by selecting a limit or sort option.

Limits

Language

Arabic	▲
Basque	▬
Bengali	
Bosnian	
Breton	▼

Location

Crerar	▲
Crerar, Reference	▬
Crerar, Reserve	
D'Angelo Law	
D'Angelo Law, Reference	▼

Format

Archives and manuscripts	▲
Books & other text material	▬
Films, videos, DVDs, slides, etc.	
Internet resource	
Journals, magazines, newspapers & serials	▼

User defined limits

Publication Date

and

Year of Publication	=	<input type="text"/>
---------------------	---	----------------------

Sorting

Sort your results by selecting a sort option.

Select...	▼
-----------	---



	Title	Format	Pub date	Author
1.	New mechanisms for tissue-selective estrogen-free contraception /		c2005.	
2.	New mechanisms for tissue-selective estrogen-free contraception	[electronic resource] /	c2005.	
*3.	New media		2002.	Livingstone, Sonia M.
4.	New media /		c2006.	
5.	New media	[electronic resource] :	2002.	Livingstone, Sonia M.
6.	New media	[electronic resource] /	2008.	Gane, Nicholas, 1971-
7.	New media, 1740-1915 /		c2003.	
8.	New media : a critical introduction /		2009.	
9.	New Media Age	[electronic resource].		
10.	New media : an introduction /		2002.	Flew, Terry.
11.	New media and American politics /		1998.	Davis, Richard, 1955-
12.	The new media and education : their impact on society /		1967, c1966.	Rossi, Peter H. (Peter Henry), 1921-2006
13.	The new media and education; their impact on society.		[1966]	Rossi, Peter H. (Peter Henry), 1921-2006
14.	New media and Neo-Islamism.		c 2007.	Ibahrine, Mohammed.
15.	New media and neo-Islamism : new media's impact on the political culture in the Islamic world /		c 2007.	Ibahrine, Mohammed.
16.	New media and politics /		2001.	
17.	New media and popular imagination : launching radio, television, and digital media in the United States /		2004.	Boddy, William, 1953-
18.	New media and society	[electronic resource].	1999-	
19.	The new media and technocultures reader /		2011.	
20.	New media and technologies in Asia and the South Pacific.		1988.	Palzer, Michaela
21.	New media and technology youth as content creators /	[electronic resource] :	c2010]	
22.	New media and the library in education		[c1972]	Enright, Brian J.



2. **New new media** / Paul Levinson.

Levinson, Paul.

Boston : Pearson, [2013], ©2013.

Penguin academics.

Found: Media (2) New (2)

Regenstein, Bookstacks

ZA4150.L48 2013

» Save or tag...



3. **The New media** : communication, research, and technology / Ronald E. Rice ... [et al.]

; foreword by Robert Johansen.

Beverly Hills : Sage Publications, c1984.

Found: Media (11) New (10)

Regenstein, Bookstacks

P96.T42N53

Table of Contents:

Part 1 **New Media** Technology and Research - Ronald E Rice

Development of **New Media** Research - Ronald E Rice

New Media Technology: Growth and Integration - Ronald E

RiceFrederick Williams

» Save or tag...



4. **New media** : an introduction / Terry Flew.

Flew, Terry.

South Melbourne, Vic. : Oxford University Press, 2002.

Found: Media (10) New (6)

Regenstein, Bookstacks

P96.T42 F58 2002

» Save or tag...



5. **New media** Nicholas Gane and David Beer.

Gane, Nicholas, 1971-

Oxford ; **New** York : Berg, 2008.

Found: Media (4) New (2)

Online

P96.T42 G35 2008eb

Full text online [↗](#)

» Save or tag...





Prioritizing Stories

- MoSCoW method
- Frequency of occurrence
- Additional user input
- Prioritize key stakeholders
- Priorities inferred from interviews



Recommendations

- Retain existing functionality
- Provide configurability to users
- Rationalize the visual design



Thank you

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Searchable list of stories at:

<http://www.lib.uchicago.edu/cgi-bin/nand-test/search/userstories>