

Databrary Solutions



Walk-through of Databrary functionality



Website Development Process: Prototyping

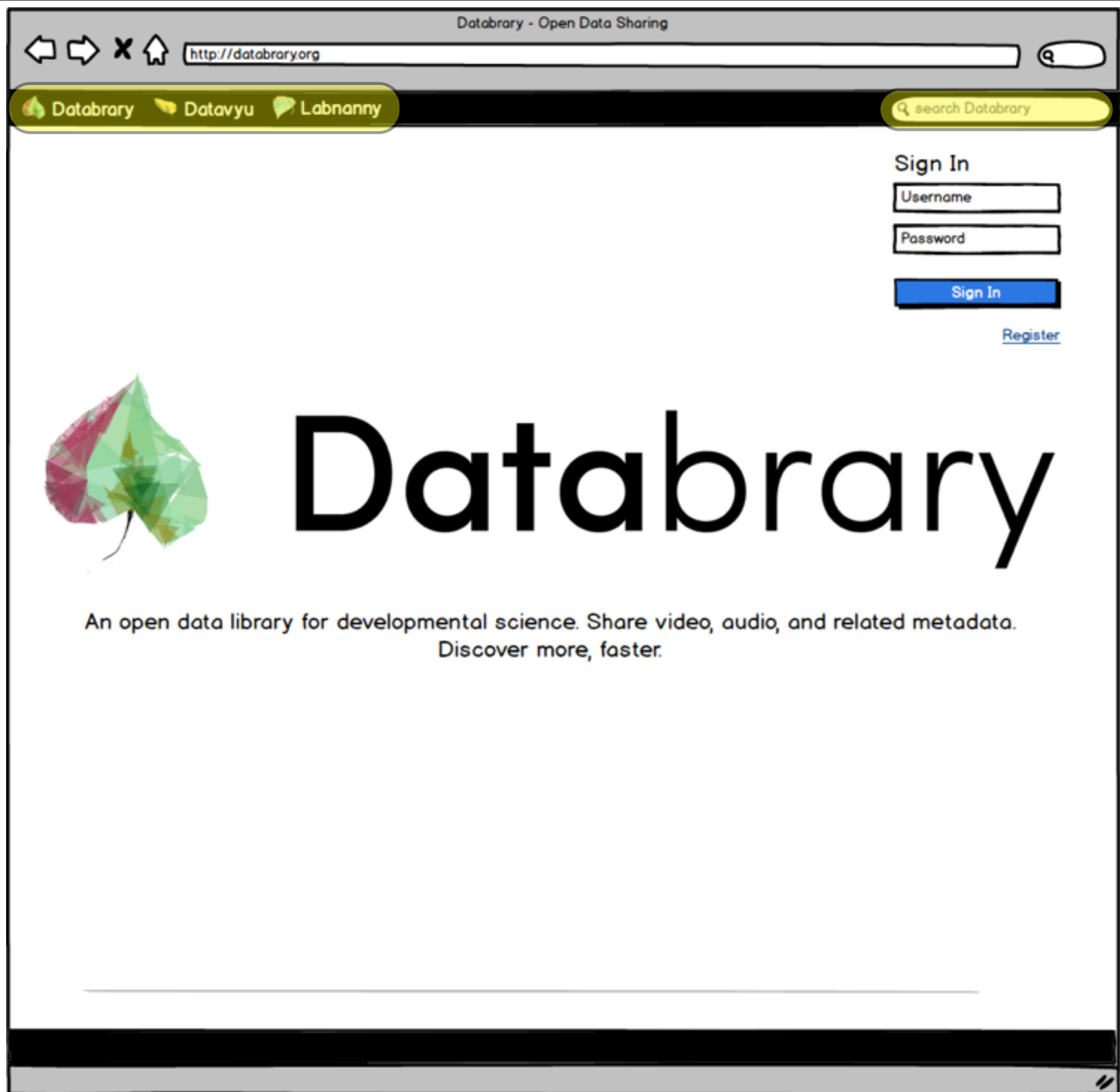
- ▶ Prototyping is a strategy for efficiently adapting to unpredictable and dynamic requirements
 - Gather use cases from potential users
 - Generate design proposals, mockups
 - Get feedback from users, update, iterate
- ▶ Organization vs. flexibility
 - Standardize structure and terminology



Website Development Process: Prototyping

- ▶ Functional design: what should it do?
- ▶ Interface descriptions: how should it look?
 - **Wireframes:** rough sketches of web pages
 - Quickly see what's missing, easy to update
- ▶ Open source, open process
 - github.com/databrary

Front page



Study

- ▶ Dataset/
package
- ▶ Structural
top unit

Databrary - Toddler Social Referencing with Ambiguous Toy


https://databrary.org/study/143-toddler-social-referencing-with-ambiguous-toy

Databrary

Sign In / Register

search Databrary

Toddler social referencing with ambiguous toy




Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer facilisis tellus nec dolor ultrices in eleifend sapien porta. Vivamus at ante id sapien ultricies congue. Aliquam sed mauris sit amet est tempor commodo. Ut adipiscing sagittis enim, iaculis viverra purus euismod eget. Morbi posuere magna at augue pretium vitae scelerisque magna adipiscing. Nunc tincidunt ullamcorper lacus, at rhoncus tellus iaculis in. Suspendisse potenti. Mauris ac porta risus. Vivamus metus sapien, tincidunt ut accumsan non, ultrices nec neque. Donec aliquam mi id erat vestibulum a varius mi malesuada. Mauris fringilla, eros ut semper eleifend, nisi tellus lobortis nisl, eu mollis dolor odio eu elit. Aenean iaculis volutpat lectus non viverra. Sed non justo eget justo porttitor varius nec congue velit.

Study Views: 1,294

Study Downloads: 432

Shared on November 2014

Funded by NIH Grant No. R01-234567



JT Investigator
Leading University

Study Contents

Documents

Data

Excerpts

Description	Runtime (hh:mm:ss)	View	Acquisition Date
looks to mom for ambiguous toy	00:00:15	▶	2014-06-09
set up and procedure	00:07:10	▶	2014-01-07

Please sign in to access Study

How to cite this dataset

Select citation download format:

BibTex

[download](#)

Investigator, JT 2014, Toddler social referencing with ambiguous toy, Databrary, <http://databrary.org/study/143-toddler-social-referencing-with-ambiguous-toy>

Article based on these data:

[Investigator, JT. 2014. Toddler Social Referencing](#)


Register

Databrary

https://databrary.org/register

Databrary search Databrary

Databrary User Registration



E-mail Address

Full Name

Institution

Postal Address

Phone Number

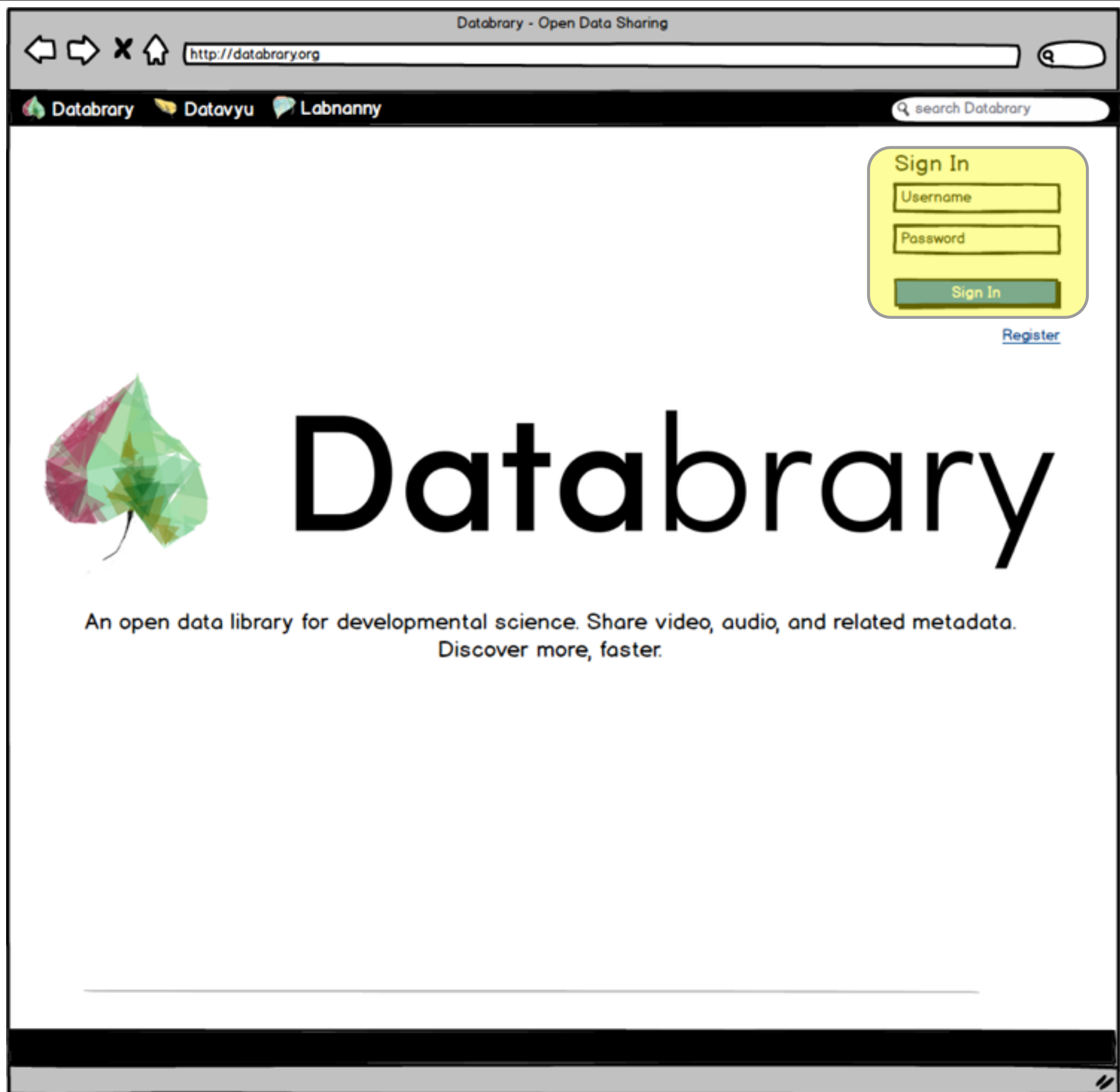
Password

Confirm Password

[View User Agreement](#)

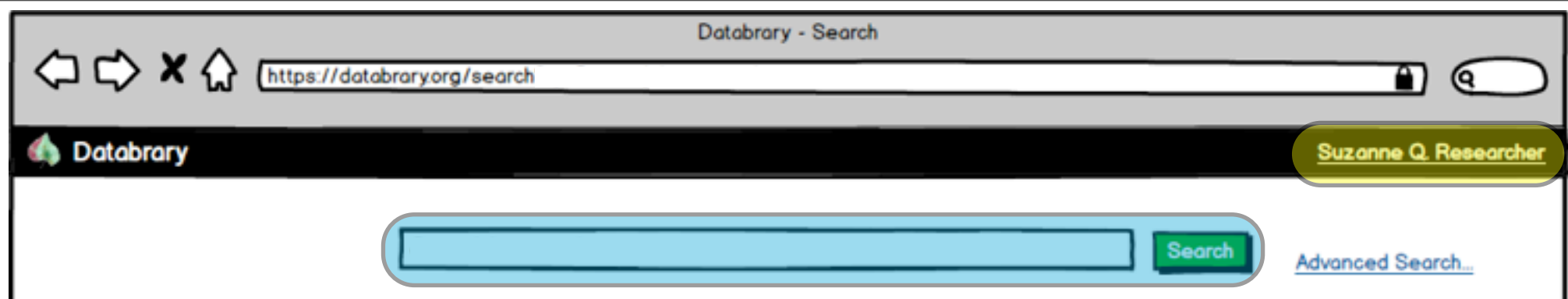
Sign In

- ▶ Username
- ▶ Password
- ▶ Shibboleth SSO
- ▶ OpenID



Search

► Any terms



Search

- ▶ Any terms
- ▶ Matching studies
- ▶ Specific criteria

Databrary - Search

<https://databrary.org/search?q=Jones+joint+attention>

Databrary

Suzanne Q. Researcher

[Advanced Search...](#)

Refine Results

Excerpts

☐ Excerpts Available

Excerpt Duration

to

e.g., 1s, 30m, 1h

Species

Participant Data

Age

to

e.g., 1d, 20w, 5m, 2y


Sex

Racial Category

of Participants

to

123 Results...



Joint attention in infants; Jones, HX, 2014

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut **attention** et dolore magna aliqua. Ut **joint** ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea.

<http://databrary.org/study/143-joint-attention-in-infants>



Word learning and joint attention in infants; Jones, HX, 2015

Integer a diam enim. Nulla tempor, nibh sit amet mollis **semper**, quam nisl **joint** metus, ut volutpat sem tortor congue urna. Nam faucibus tincidunt lacus, sit amet **attention** metus commodo nec. Vestibulum ante ipsum

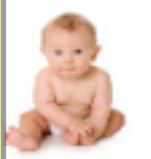
<http://databrary.org/study/497-word-learning-and-joint-attention-in-infants>



Lorem ipsum sint cupidatat non proident; Felix, TC, 2014

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu **joint** nulla pariatur. Excepteur sint **attention** cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum. Lorem ipsum sit.

<http://databrary.org/study/237-lorem-ipsum-sint-cupidatat-non-proident>



Etiam diam massa rhoncus nec volutpat; Picard, JL, 2016

Maecenas ac magna a felis tincidunt malesuada quis vitae tellus. Duis consequat mattis **attention** enim, aliquam tempor est feugiat ac. Vestibulum ante ipsum **joint** primis in faucibus orci luctus et ultrices posuere.

<http://databrary.org/study/272-etiam-diam-massa-rhoncus-nec-volutpat>



Morbi vel nulla non diam ultrices auctor; Riker, WT, 2015

Morbi sit amet libero ligula, in sollicitudin leo. Aliquam erat volutpat. Aliquam mattis, tellus ut **attention** posuere, leo libero egestas metus, non consectetur mauris augue vitae nunc **joint** tristique ultrices posuere

<http://databrary.org/study/143-morbi-vel-nulla-non-diam-ultrices-auctor>

123

123

123

123

123

123

Study

► Document list

Databrary - Toddler Social Referencing with Ambiguous Toy


<https://databrary.org/study/143-toddler-social-referencing-with-ambiguous-toy>

Databrary

Suzanne Q. Researcher

search Databrary

Toddler social referencing with ambiguous toy




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Study Views: 1,294

Study Downloads: 432

Shared on November 2014



JT Investigator
Leading University

Study Contents

Documents

Data

Excerpts

Description	File Type	File Size	Modified Date
Blank Consent Form	Adobe PDF	534 kB	2013-10-11
Coding Manual	Microsoft Word Document	534 kB	2013-11-28
IRB Protocol	Adobe PDF	987 kB	2013-07-19
Study Protocol	Microsoft Word Document	127 kB	2013-09-27

[download all documents as .zip file](#)

Tags

ambiguity

social-referencing

toddler

toy

+

How to cite this dataset

Select citation download format:

BibTex

[download](#)

Investigator, JT 2014, Toddler social referencing with ambiguous toy, Databrary, <http://databrary.org/study/143-toddler-social-referencing-with-ambiguous-toy>

Article based on these data:

[Investigator, J.T. 2014. Toddler Social Referencing](#)

Comments

added 2015-05-02 by [Tiberius Smith](#)

This is a great study!

add a comment...

Add your comment

Study

- ▶ Participant list
- ▶ Next structure level

Databrary - Toddler Social Referencing with Ambiguous Toy


https://databrary.org/study/143-toddler-social-referencing-with-ambiguous-toy

Databrary

Suzanne Q. Researcher

search Databrary

Toddler social referencing with ambiguous toy




Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer facilisis tellus nec dolor ultrices in eleifend sapien porta. Vivamus at ante id sapien ultricies congue. Aliquam sed mauris sit amet est tempor commodo. Ut adipiscing sagittis enim, iaculis viverra purus euismod eget. Morbi posuere magna at augue pretium vitae scelerisque magna adipiscing. Nunc tincidunt ullamcorper lacus, at rhoncus tellus iaculis in. Suspendisse potenti. Mauris ac porta risus. Vivamus metus sapien, tincidunt ut accumsan non, ultrices nec neque. Donec aliquam mi id erat vestibulum a varius mi malesuada. Mauris fringilla, eros ut semper eleifend, nisi tellus lobortis nisl, eu mollis dolor odio eu elit. Aenean iaculis volutpat lectus non viverra. Sed non justo eget justo porttitor varius nec congue velit.

Study Views: 1,294

Study Downloads: 432

Shared on November 2014



JT Investigator

Leading University

Funded by NIH Grant No. R01-234567

Study Contents

Documents

Data

Excerpts

Participant ID	Age at Test	Sex (M/F)	Contents
Participant 1	292 days	M	1 session video, 1 coding spreadsheet, 1 data file
Participant 2	281 days	F	1 session video, 1 coding spreadsheet, 1 data file
Participant 3	287 days	M	1 session video, 1 coding spreadsheet, 1 data file

Tags

ambiguity

social-referencing

toddler

toy

How to cite this dataset

Select citation download format:

BibTex

download

Investigator, JT 2014, Toddler social referencing with ambiguous toy, Databrary,<http://databrary.org/study/143-toddler-social-referencing-with-ambiguous-toy>

Article based on these data:

[Investigator, J.T. 2014. Toddler Social Referencing](#)

Comments

added 2015-05-02 by [Tiberius Smith](#)

This is great data!

add a comment...

Add your comment

Participant

Databrary - Toddler social referencing with ambiguous toy - Participant 2

https://databrary.org/study/143/participants/2

Databrary

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search Databrary

Home > Toddler social referencing with ambiguous toy > Participant 2 Data

Participant Data

Participant ID: 2

Date of Birth: 2014-01-03

Age at Test: 281 days

Sex: Female

Racial Category: White

Acquisition Date: 2014-10-11

Data Source: Data originally collected as part of study: "Mom baby free play"

Files

Description	File Type	View	File Size	Modified Date
Session Video	Video		273 MB	2014-10-11
Data File	Microsoft Excel spreadsheet		534 kB	2014-10-11
Coding Spreadsheet	Datavyu spreadsheet		987 kB	2014-11-28

[download all documents as .zip file](#)

Tags

ambiguity

social-referencing

toddler

toy

Comments

added 2015-05-02 by [Tiberius Smith](#)

This is a great study!

add a comment...

Add your comment

Video data

Databrary - Toddler social referencing with ambiguous toy - Participant 2 - View

https://databrary.org/study/143/participants/2/view

Databrary

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Home

Toddler social referencing with ambiguous toy

Participant 2 Data

View Video

Participant Video

Participant ID: 2

Date of Birth: 2014-01-03

Age at Test: 281 days


Sex: Female

Racial Category: White

Acquisition Date: 2014-10-11

Data Source: Data originally collected as part of study: "Mom baby free play"

Type and Permissions: Identified data shared with Databrary and public excerpts



download video file

Tags

ambiguity

social-referencing

toddler

toy

Comments

added 2015-05-02 by Tiberius Smith

This is a great video!

add a comment...

Add your comment

Wednesday, August 14, 13

Dashboard

► Popular,
interesting,
new

► Manage

The screenshot shows the Databrary website interface. At the top, the browser address bar displays 'https://databrary.org/home'. The website header includes the 'Databrary' logo, the user name 'Suzanne Q. Researcher', and a search bar. Below the header, a welcome message 'Welcome Suzanne Q. Researcher!' is accompanied by a profile picture. A navigation bar contains three buttons: 'My Databrary', 'Add/Edit Studies', and 'Authorize Users (1)' (which is highlighted in yellow), and 'Edit this Page'. The main content area is titled 'Popular on Databrary' and features three sections: 'In My Lab' with two study entries (each with a baby photo and a paragraph of placeholder text), 'From Henry Jones' with two study entries (each with a baby photo and a paragraph of placeholder text), and 'New word-learning studies' with two study entries (each with a baby photo and a paragraph of placeholder text). Each section includes a 'show more results' button. The footer of the page is a solid black bar.

Databrary - Home

https://databrary.org/home

Databrary Suzanne Q. Researcher search Databrary

Welcome Suzanne Q. Researcher!

My Databrary Add/Edit Studies Authorize Users (1) Edit this Page

Popular on Databrary

In My Lab

Infant social referencing with stranger
Curabitur ac metus in dui pharetra ullamcorper. Morbi vel nulla non diam ultrices auctor et ac nibh. Aenean semper iaculis lectus, eget aliquam nisl iaculis vitae. Pellentesque placerat bibendum elit, a blandit mauris.

Big kid social referencing with stranger
Fusce ac orci eget arcu tempor elementum. Sed scelerisque, dui vitae ullamcorper auctor, mauris magna malesuada tortor, vulputate placerat leo nisl volutpat risus. Praesent rutrum rhoncus elit, ac congue metus.

show more results

From Henry Jones

Joint attention in infants
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo.

Word learning and joint attention in infants
Integer a diam enim. Nulla tempor, nibh sit amet mollis semper, quam nisl lacinia metus, ut volutpat sem tortor congue urna. Nam faucibus tincidunt lacus, sit amet convallis metus commodo nec. Vestibulum ante ipsum primis.

show more results

New word-learning studies

Head cameras and word learning - mom, baby
Curabitur ac metus in dui pharetra ullamcorper. Morbi vel nulla non diam ultrices auctor et ac nibh. Aenean semper iaculis lectus, eget aliquam nisl iaculis vitae. Pellentesque placerat bibendum elit, a blandit mauris.

Mystery box word learning, pre-schoolers
Sed fringilla facilisis augue ac laoreet. Praesent faucibus nunc at enim tempor posuere. Fusce quam sapien, semper in placerat et, adipiscing ut nunc. Vestibulum auctor nisl sapien. Sed porttitor sagittis tortor feugiat.

show more results

Authorize

Databrary - Suzanne Q. Researcher - Permissions

https://databrary.org/investigators/37/permissions

Databrary

Suzanne Q. Researcher

search Databrary

Suzanne Q. Researcher : Manage Permissions

Permissions granted to me

Name	Databrary Access	Granted Permission	Expiration	Action
Leading University	Investigator	None	2 years	<div>reapply</div>
<div>type institution name here...</div>	<div>None</div>	<div>None</div>	<div>//</div>	<div>request access</div>

Permissions granted by me

Name	Databrary Access	Granted Permission	Expiration	Action
Joe Labmanager	<div>Affiliate</div>	<div>Admin</div>	1 year	<div>renew</div> <div>remove</div>
Jane Postdoc	<div>Affiliate</div>	<div>Contribute</div>	1 year	<div>renew</div> <div>remove</div>
Mary Gradstudent	<div>Affiliate</div>	<div>Contribute</div>	8 months	<div>renew</div> <div>remove</div>
Pete Undergrad	<div>Affiliate</div>	<div>None</div>	2 weeks	<div>renew</div> <div>remove</div>
New Gradstudent	<div>None</div>	<div>None</div>	requested	<div>grant</div> <div>reject</div>
<div>type user name here...</div>	<div>None</div>	<div>None</div>	<div>//</div>	<div>grant</div> <div>cancel</div>

Key to Databrary Access

Permission Level	Description
Investigator	full access to Databrary as an authorized investigator
Affiliate	standard browse access to Databrary as an affiliate investigator

Key to Granted Permissions:

as a full Investigator, you may delegate the following permissions and must take responsibility for any granted actions

Permission Level	Description
None	standard access to Databrary, but no access to my data
Access	view any studies I have access to
Contribute	create and edit studies I own
Admin	delegate all of my permissions to edit and authorize users

Contribute

Databrary - Add Study

←

→


✕

🏠

https://databrary.org/study/986/edit

🔒

🔍

 Databrary

Suzanne Q. Researcher

🔍

search Databrary

New Study

Study Title: New Study

edit

Study Description: Please add study description here...

edit

Funded by: NIH

Please enter grant number here...

edit

Add funding agency: +

Edit Study Contents

Edit Documents

Edit Data

Edit Excerpts

Edit Study Permissions

Study Contents

Documents

Data

Excerpts

Permissions

Description	File Name	File Size	Modified Date

Wednesday, August 14, 13

Participant

Databrary - Toddler social referencing with stranger - New Participant


[https://databrary.org/study/986/participants/new](#)

Databrary Suzanne Q. Researcher search Databrary

[Home](#) > [Infant social referencing with stranger](#) > Add Participant

Add Participant

Participant ID:

Date of Birth: 

Sex: ▼

Racial Category: ▼

Upload

Databrary - Infant social referencing with stranger - Participant 1 - Edit

https://databrary.org/study/986/participants/1/edit

Databrary

Suzanne Q. Researcher

search Databrary

Home

>

Infant social referencing with stranger

>

Participant 1 Edit

Participant 1 Information

Participant ID: 1

Date of Birth: 2015-04-09

Sex: Female

Racial Category: White

Edit

Add File

Description

Type and Permissions:

☐ Public

☐ De-identified data

☐ Identified data shared with Databrary

☒ Identified data shared with Databrary and public excerpts allowed

☐ Private

Acquisition Date:

yyyy/mm/dd

Choose File

Upload File

Wednesday, August 14, 13

Permissions

Databrary - Infant social referencing with stranger - Permissions

https://databrary.org/study/986/permissions

Databrary

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search Databrary

Infant social referencing with stranger : Manage Permissions

Current Study Permissions

▽ All Databrary Users :: [View](#)

▽ Leading University

▽ Me :: Owner

▷ Jane Postdoc :: [Member](#)

▷ Mary Gradstudent :: [Member](#)

▷ Pete Undergrad :: [No Access](#)

▽ Prestigious University

▽ Tiberius Smith :: [Share Data](#)

Click current permission level to change...

Add New Study Permission

Name

Permission Level

No Access

▼

Grant Permission

Key to Study Permission

Permission Level	Description
Owner	full access and responsibility for the study
Member	can edit and upload data
Share Data	can see the entire study and data, unless participant permissions specify otherwise
View Only	can see study but cannot access study data
No Access	cannot view this study

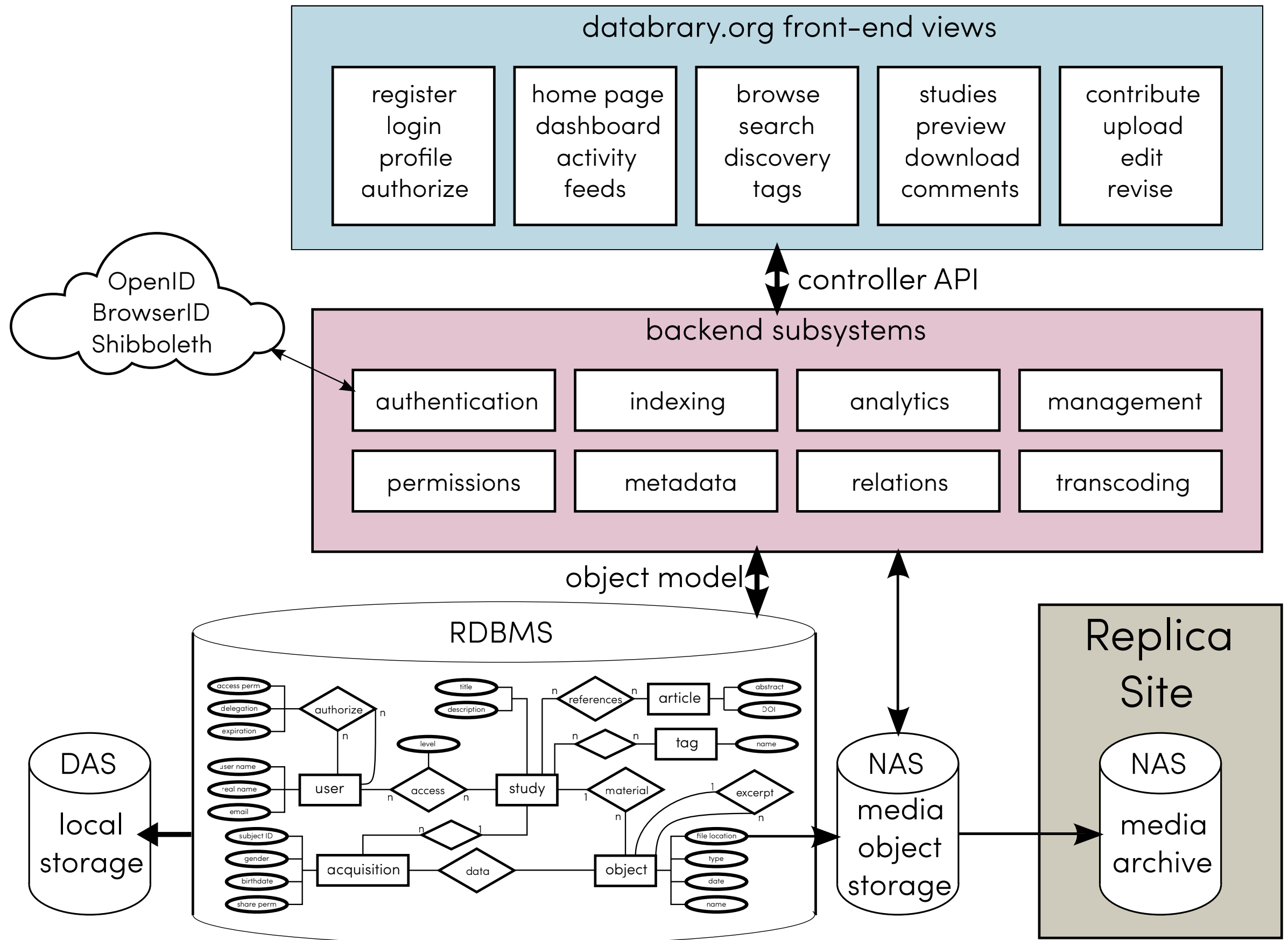
Databrary System Architecture



Storage, Preservation, and Identity



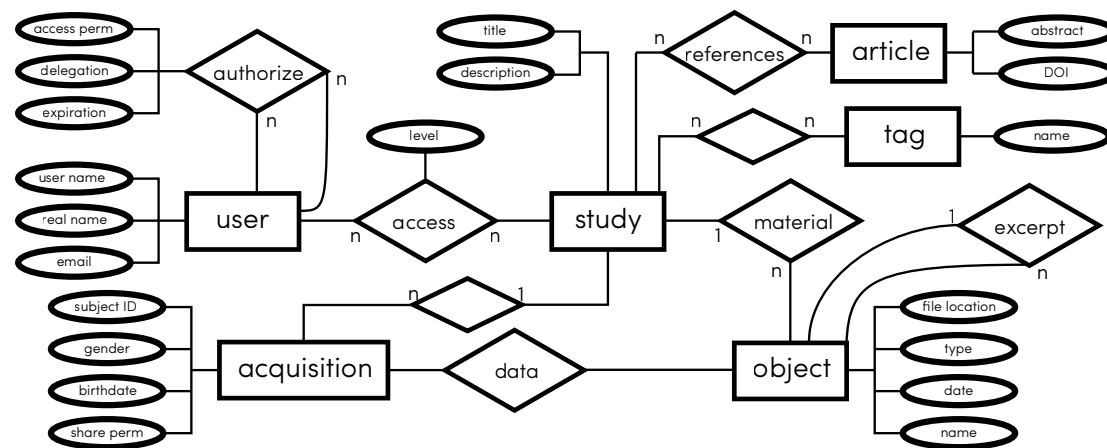
System Architecture





System Architecture

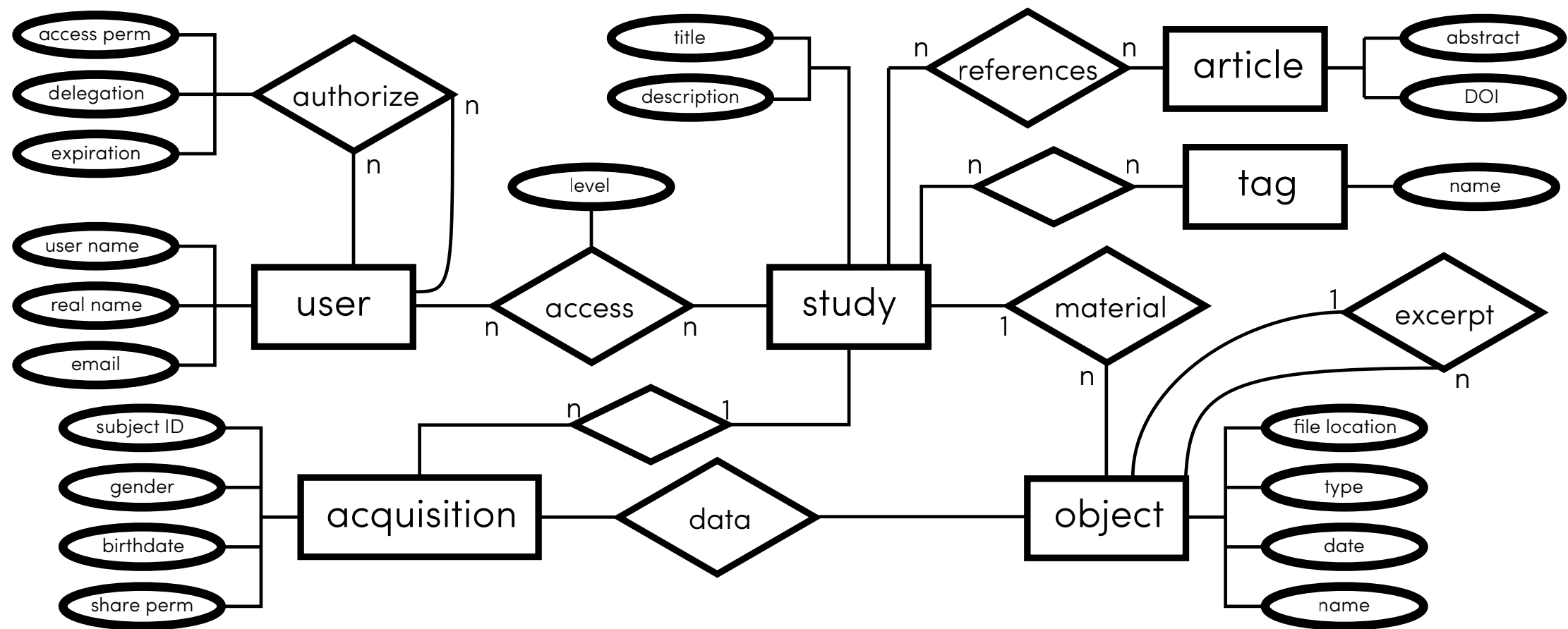
Database Schema





System Architecture

Database Schema





Institutional Setting 1

- ▶ Databrary raises issues in Library/ Information Science, IT resource provisioning, and data policy
 - Library and central IT participation
 - Can Databrary services be generalized for other digital library projects?



Institutional Setting 2

- ▶ Commitment to long-term preservation and sustainability
 - Library/IT infrastructure for digital preservation
 - Identification of sustainability models

Databrary Discussion

