



Simplifying Content Delivery with InstantILL: Integrating Link Resolvers, OA Searching, and Interlibrary Loan Requesting



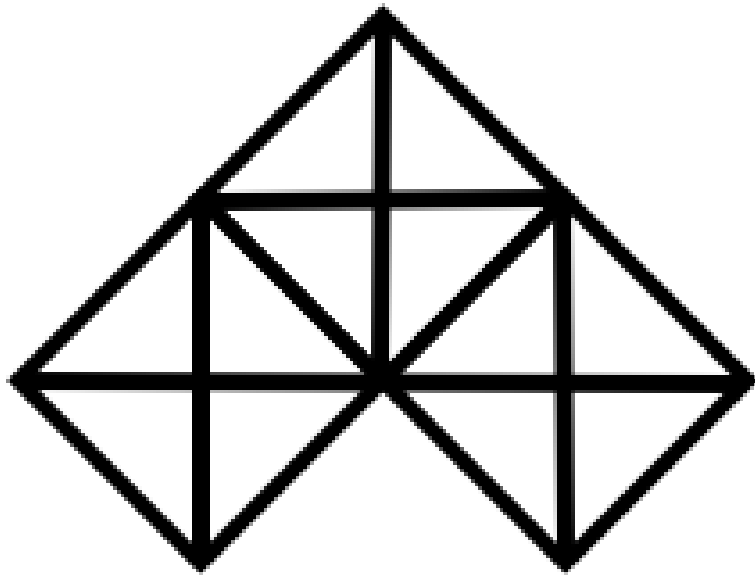
Mike Paxton & Tina Baich
IUPUI University Library

ER&L Conference, March 2020





Collaborators





Agenda

- Why InstantILL?
- What is InstantILL?
- How does InstantILL work?
- What are the results?
- How can you implement InstantILL?



Why InstantILL?

User perspective

- lack of unified discovery
- poor user experience
- desire for convenience & speed

Library perspective

- steers traffic away from library collections & services
- false impressions of user needs
- potential loss of funding and access



What is InstantILL?

Integrates link resolver results, Open Access searching, and ILL request submission into a single, **simple** user interface

Interlibrary Loan

If you need a paper or book you can request it from any library in the world through Interlibrary loan. Start by entering a full article title, citation, DOI or URL:

e.g. Lessons in data entry from digital native populations

Find paper

Need a **book** or **something else**?



How does InstantILL work?

If you need an article or book you can request it from any library in the world through Interlibrary loan.

Start by entering a full article title, citation, DOI or URL:

<https://www.tandfonline.com/doi/full/10.1080/1072303X.2010.507722>

Find article

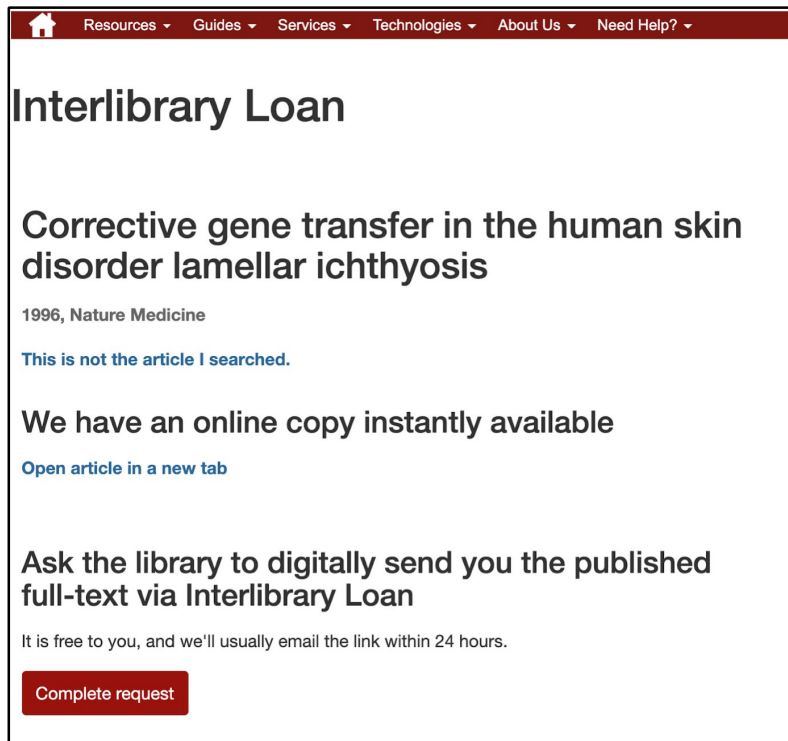
Need a **book** or **something else**?

Or [use advanced form](#), [view account](#) and [learn about Interlibrary Loan](#)

Notice a change? We're testing a simpler and faster way to get your articles. You can [give feedback](#) or [use the old form](#).

Patrons search by article title, full citation, URL, DOI, PMCID, or PMID

How does InstantILL work?



The screenshot shows a library website interface. At the top, there is a navigation bar with a home icon and menu items: Resources, Guides, Services, Technologies, About Us, and Need Help?. Below the navigation bar, the page title is "Interlibrary Loan". The main content area displays the article title "Corrective gene transfer in the human skin disorder lamellar ichthyosis" and the publication information "1996, Nature Medicine". A message states "This is not the article I searched." Below this, it says "We have an online copy instantly available" with a link "Open article in a new tab". The next section is "Ask the library to digitally send you the published full-text via Interlibrary Loan" with a sub-message "It is free to you, and we'll usually email the link within 24 hours." At the bottom, there is a red button labeled "Complete request".

Resources ▾ Guides ▾ Services ▾ Technologies ▾ About Us ▾ Need Help? ▾

Interlibrary Loan

Corrective gene transfer in the human skin disorder lamellar ichthyosis

1996, Nature Medicine

[This is not the article I searched.](#)

We have an online copy instantly available

[Open article in a new tab](#)

Ask the library to digitally send you the published full-text via Interlibrary Loan

It is free to you, and we'll usually email the link within 24 hours.

[Complete request](#)

Subscription availability
via link resolver

How does InstantILL work?



Resources ▾ Guides ▾ Services ▾ Technologies ▾ About Us ▾ Need

exposing errors related to weak memory in GPU applications

2016, ACM SIGPLAN Notices

[This is not the article I searched.](#)

There is a free, instantly accessible copy online

It may not be the final published version and may lack graphs or figures making it unsuitable for citations.

[Open article in a new tab](#)

Ask the library to digitally send you the published full-text via Interlibrary Loan

It is free to you, and we'll usually email the link within 24 hours.

Complete request

Open access availability
via Open Access Button

How does InstantILL work?

Writing at the speed of sound: music stenography and recording beyond the phonograph

2017, 19th-Century Music

[This is not the article I searched.](#)

Ask the library to digitally send you the published full-text via Interlibrary Loan

It is free to you, and we'll usually email the link within 24 hours.

[Complete request](#)

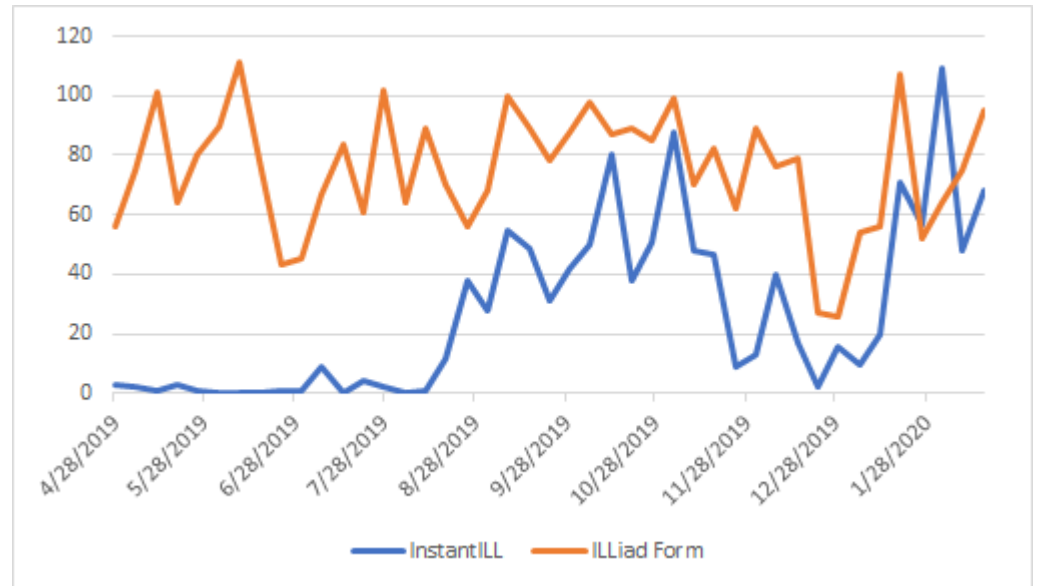
Please confirm the citation information and submit your request:

Article Title	Writing at the speed of sound: music stenography and recording beyond the phonograph
Article Author	Pierce, J. Mackenzie, ,
Journal Title	19th-Century Music
Month	
Year	2017
Volume	41
Issue Number or Designation	2
Inclusive Pages	121-150
Will you accept the item in a language other than English?	<input type="text" value="No"/>
If yes, specify acceptable languages in the notes field.	
Notes	Subscription check done, found journal. OA availability check done,
Put any information here that may help us find the item, as well as any other pertinent information.	

[Submit Request](#)

What are the results?

	InstantILL form	ILLiad Article Form
All Time	1180	3285
After Adding to Forms	1140	1976



How do you implement InstantILL?

If you need an article or book you can request it from any library in the world through Interlibrary loan. Start by entering a full article title, citation, DOI or URL:

e.g. Lessons in data entry from digital native populations

Find article

Need a book or something else?

Welcome, let's get you set up!

Congrats, you already have InstantILL partly set up! Already, it can find Open Access articles and submit loans to your email. As you complete the steps below you'll be able to customize further. It requires no coding or systems expertise, and doesn't take long.

At anytime you can test InstantILL, with your settings, on the left. It'll work just like it would on your pages, although it won't be styled with your brand yet.

Get InstantILL working with your:

Interlibrary loans

Exposing errors related to weak memory in GPU applications

2016, Proceedings of the 37th ACM SIGPLAN Conference on Programming Language Design and Implementation - PLDI 2016

This is not the article I searched.

There is a free, instantly accessible copy online

It may not be the final published version and may lack graphs or figures making it unsuitable for citations.

Open article in a new tab

Ask the library to digitally send you the published full-text via Interlibrary Loan

It costs \$5 and we'll usually email the link within 24 hours.

Complete request

Go to Menu

Interlibrary loan: Submission

InstantILL uses your existing Interlibrary Loan systems to manage authentication, fulfillment, and payment, or can submit to an email address.

What is your ILL article form link?

http://www.aurl.org

If everything works, hit next! If it doesn't, see advanced settings.

Preview & Test

Save & Continue

Feedback | Issue | FAQ

How do you implement InstantILL?

Edit Basic page Interlibrary Loan

VIEW

EDIT

REVISIONS

Home > Services > Borrowing > Interlibrary Loan

Title *

Interlibrary Loan

Body (Edit summary)

```
<a href="https://ill.ulib.iupui.edu/ILLiad/IUP/ologon.html" target="_blank" class="btn btn-primary btn-ill" ; margin: 10px>Log In to Interlibrary Loan</a>

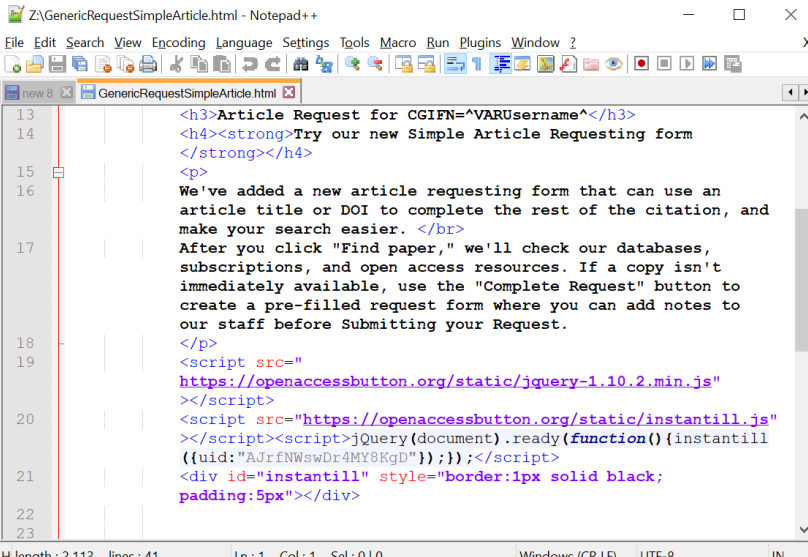
<!-- InstantILL block -->
<h4><strong>Help test our updated Article Requesting form</strong></h4>
<p>
We're testing a new article requesting form that will attempt to locate ar
</p>
<script src="https://openaccessbutton.org/static/jquery-1.10.2.min.js"></script>
<script src="https://openaccessbutton.org/static/instantill.js"></script>
<div id="instantill" style="border:1px solid black; padding:5px"></div>
```

First, include the following in the source code (HTML) of your page:

```
<script src="https://dev.openaccessbutton.org/static/instantill.js"></script><script><script>instantill({uid:"FCZzGpobDNCug3MKf",api:"https://dev.api.cottagelabs.com/service/oab"});</script>
<div id="instantill"></div>
```

You can control where the search widget gets displayed by moving:

```
<div id="instantill"></div>
```



The screenshot shows a Notepad++ window titled "Z:\GenericRequestSimpleArticle.html - Notepad++". The code in the window is as follows:

```
13 <h3>Article Request for CGIFN=VARUsername^</h3>
14 <h4><strong>Try our new Simple Article Requesting form
15 </strong></h4>
16 <p>
17 We've added a new article requesting form that can use an
18 article title or DOI to complete the rest of the citation, and
19 make your search easier. </br>
20 After you click "Find paper," we'll check our databases,
21 subscriptions, and open access resources. If a copy isn't
22 immediately available, use the "Complete Request" button to
23 create a pre-filled request form where you can add notes to
our staff before Submitting your Request.
</p>
<script src="
https://openaccessbutton.org/static/jquery-1.10.2.min.js"
></script>
<script src="https://openaccessbutton.org/static/instantill.js"
></script><script>jQuery (document) .ready(function() {instantill
({uid:"AJrFnWswDr4MY8KgD"});});</script>
<div id="instantill" style="border:1px solid black;
padding:5px"></div>
```

How do you implement InstantILL?



University Library

OneSearch

IUCAT

Site

Search our discovery



Resources ▾

Guides ▾

Services ▾

Technologies ▾

About Us ▾

Need Help? ▾

Interlibrary Loan

Log In to Interlibrary Loan

Help test our updated Article Requesting form

We're testing a new article requesting form that will attempt to locate an available copy before sending the request to other libraries. Please help us by trying it out now!

If you need an article or book you can request it from any library in the world through Interlibrary loan. Start by entering a full article title, citation, DOI or URL:

e.g. Lessons in data entry from digital native populations

Find article

Need a [book](#) or [something else?](#)

IUPUI Interlibrary Loan

Log in to [Interlibrary Loan](#)

Pick Up Location

University Library

Service & Information Desk
2nd Floor

Herron Art Library



Circulation Desk

Interlibrary Loan Office


Monday - Friday
8am - 5pm

Email: ulill@iupui.edu

How do you implement InstantILL?



IUPUI



University Library

 Active All

Interlibrary Loan

▪ [Logoff paxtonm](#)

▪ [Main Menu](#)

▪ [New Request](#)

- [Simple Article Request Form](#)
- [Advanced Article Request Form](#)
- [Book](#)
- [Book Chapter](#)
- [Conference Paper](#)
- [Thesis](#)
- [Standards Document](#)
- [Audio/Visual](#)

▪ [View](#)

- [Outstanding Requests](#)
- [Electronically Received Articles](#)
- [View/Renew Checked Out Items](#)

Article Request for paxtonm

Try our new Simple Article Requesting form

We've added a new article requesting form that can use an article title or DOI to complete the rest of the citation, and make your search easier.

After you click "Find paper," we'll check our databases, subscriptions, and open access resources. If a copy isn't immediately available, use the "Complete Request" button to create a pre-filled request form where you can add notes to our staff before Submitting your Request.

If you need an article or book you can request it from any library in the world through Interlibrary loan. Start by entering a full article title, citation, DOI or URL:

Need a **book** or **something else**?



Many, many thanks!

Joseph McArthur

Co-Founder & Director, Open Access Button



Gary Maixner

UX & Project Management Librarian





Many thanks!

- Kristi Palmer
- Kevin Petsche
- Rich Wing
- Teodora Durbin
- Arcadia Fund & SPARC
- Cottage Labs & Mark MacGillivray & Sam Ballard
- The many libraries & librarians who have offered interest, support, & expertise. Including Janet Chandler & Christopher Beevers.



Read more

Baich, Tina. 2017. Diminishing the perceived need for black open access. Interlending and Document Supply Conference, Paris, France, October 4-6, 2017. [Available at: <http://hdl.handle.net/1805/14178>]

Paxton, Mike, Gary Maixner III, Joseph McArthur, and Tina Baich. 2019. “Engineering a Powerfully Simple Interlibrary Loan Experience with InstantILL.” In *Beyond the Paywall: Resource Sharing in a Disruptive Ecosystem*. Proceedings from the 16th IFLA ILDS Conference, held at National Library of Technology in Prague, Czech Republic, October 9-11, 2019, <http://repozitar.techlib.cz/record/1432>. [Preprint available at: <http://hdl.handle.net/1805/20422>]

Questions?

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InstantILL.org

