Enhancing your library’s Bento Box Interface with BrowZine APIs

John Seguin, MLS
President & Chief Librarian
john@thirdiron.com
About Me!

- MLS University of Illinois, Champaign-Urbana
- Electronic Resources/Technology Services Librarian, Missouri University of Science and Technology
- ProQuest Higher Education Account Executive
- President & Co-Founder of Third Iron Library Technologies, co-designer of BrowZine
Agenda

• Why build APIs for BrowZine?
• What is an API?
• Bento? Why Bento?
• API Interactions Overview and Use Case Examples
• The Technical Bits
• Getting Started!
The Global Standard

- 500+ customers in 20+ countries across Academic, Hospital, Corporate and Government Libraries
- Used by leading global companies
- Used by the Top 10 Medical Schools in the United States
What is **Journal Engagement**?

- Easy, Instant Access to favorite journals on any device
- Simple to setup current awareness
- Easy discovery of new journals of interest
- Clean, simple journal browsing experience

**BrowZine™**

Journal Engagement
<table>
<thead>
<tr>
<th>Subject</th>
<th>#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology and Psychotherapy: Theory, Research and Practice</td>
<td></td>
</tr>
<tr>
<td>Psychology and Sexuality</td>
<td></td>
</tr>
<tr>
<td>Psychology - General/Interdisciplinary</td>
<td></td>
</tr>
<tr>
<td>Psychology &amp; Health</td>
<td></td>
</tr>
<tr>
<td>Psychology, Health &amp; Medicine</td>
<td></td>
</tr>
<tr>
<td>Psychology in the Schools</td>
<td></td>
</tr>
<tr>
<td>Psychology &amp; Marketing</td>
<td></td>
</tr>
<tr>
<td>Psychology of Sport and Exercise</td>
<td></td>
</tr>
<tr>
<td>Psychology of Well-Being: Theory, Research and Practice</td>
<td></td>
</tr>
<tr>
<td>Psychology of Women Quarterly</td>
<td></td>
</tr>
<tr>
<td>Psychology - Teaching and Professional Issues</td>
<td></td>
</tr>
<tr>
<td>BMC Psychology</td>
<td></td>
</tr>
<tr>
<td>Neuropsychology</td>
<td></td>
</tr>
<tr>
<td>Media Psychology</td>
<td></td>
</tr>
<tr>
<td>Sports Psychology</td>
<td></td>
</tr>
<tr>
<td>Applied Psychology</td>
<td></td>
</tr>
<tr>
<td>Applied Psychology</td>
<td></td>
</tr>
<tr>
<td>Health Psychology</td>
<td></td>
</tr>
<tr>
<td>Sociobehavioral Sciences</td>
<td></td>
</tr>
</tbody>
</table>
2016

Vol. 23

Introducing an instrument to measure body and fitness-related self-conscious emotions: The BSE-FIT
pp. 1-12 - Castonguay, Andrée L.; Sabiston, Catherine M.; Kowalski, Kent C.; Wilson, Philip M.

Predicting physical activity intention and behaviour using achievement goal theory: A person-centred analysis
pp. 13-20 - Wang, John C.K.; Morin, Alexandre J.S.; Liu, W.C.; Chian, L.K.

Assessing competencies of trainee sport psychologists: An examination of the ‘structured case presentation’ assessment method
pp. 21-30 - Hutter, R.I. (Vana); Pijpers, J.R. (Rob); Oudejans, Raoul R.D.

Validity and reliability of the Conner-Davidson Resilience Scale (CD-RISC) in competitive sport
pp. 31-39 - Gonzalez, Stephen P.; Moore, E. Whitney G.; Newton, Maria; Galli, Nick A.

Where the action is: Towards a discursive psychology of “authentic” identity in soccer fandom
pp. 40-50 - Miller, Paul K.; Benkwitz, Adam

The relationship between observed and perceived assessments of the coach-created motivational environment and links to athlete motivation
pp. 51-63 - Smith, N.; Tessier, D.; Tzioumakis, Y.; Fabra, P.; Guest, E.; Appleton, P.; Sarrazin, P.; Papaioannou, A.; Balaguer, I.; Duda, J.L.

Changing teachers’ beliefs regarding autonomy support and structure: The role of experienced psychological need satisfaction in teacher training
pp. 64-72 - Aelterman, Nathalie; Vansteenkiste, Maarten; Van Keer, Hilde; Haerens, Leen

The influence of peer groups in organized sport on female adolescents’ identity development
pp. 73-81 - MacPherson, Ellen; Kerr, Gretchen; Stirling, Ashley

Development and initial validity of the Exercise-Related Cognitive Errors Questionnaire
pp. 82-89 - Locke, Sean R.; Brawley, Lawrence R.

Using self-determination theory to understand motivation for walking: Instrument development and model testing using Bayesian structural equation modelling
General Collection

Organelle dynamics: Connections, connections, connections
Nature Reviews Molecular Cell Biology
VOL. 18 ISSUE 3 - P. 139 - 2017 - Strzyz, Paulina

Getting Data Sharing Right to Help Fulfill the Promise of Cancer Genomics
Cell
VOL. 168 ISSUE 4 - PP. 551-554 - 2017 - Savage, Nell
Saved to: General Collection

Detailed simulation of cancer exome sequencing and common limitations of variant callers
BMC Bioinformatics
VOL. 18 ISSUE 1 2017 - Hofmann, Arlane L.; Biltonen, Mark J.

Maken we nog echt contact?
Pallium
VOL. 18 ISSUE 5 - P. 4 - 2016 - den Dulk, Annemarie
Meeting users where they are

“Linking Technology”
What is an API?

An API Provides a way for another application to get information from BrowZine to display within its own interface.

“Is this Journal in BrowZine? Here is the ISSN and the Library ID #!”

“Yep! It is! *AND* Here is the link to a cover image, the SJR value is 1.24 and here is a link you can show the user to get them to the current issue and here is a link to the subject area this journal is from.”
What does an API “look like”


```
{
  "data": [
    {
      "id": 13191,
      "type": "journals",
      "title": "Nature",
      "issn": "00280836",
      "sjrValue": 21.936,
      "coverImageUrl": "https://assets.thirdiron.com/images/covers/0028-0836.png",
      "browzineEnabled": true,
      "browzineWebLink": "http://browzine.com/libraries/222/journals/13191"
    },
    {
      "id": 52627,
      "type": "journals",
      "title": "Consumer Reports",
      "issn": "00107174",
      "sjrValue": 0,
      "coverImageUrl": "https://assets.thirdiron.com/images/covers/00107174.png",
      "browzineEnabled": false,
      "externalLink": "http://knownitem.search.edu/?jtitle=Consumer%3Reports&jissn=3940-182X"
    }
  ]
}
```

“yes”

“Does BrowZine Have these Journals?”

“no”
Results for: journal of ecology

Catalog (Mirlyn)

The journal of ecology
Author: British Ecological Society.
Published: 1913
Format: Journal

The Journal of ecology
Author: British Ecological Society.
Published: 1913
Format: Journal

The Soviet journal of ecology
Author: Consultants Bureau.
Published: 1971
Format: Journal

More Catalog Results (1,077,518)

ArticlesPlus

Journal of ecology
Journal of ecology
Indian journal of ecology

More Articles (2,137,102)

Databases

The Journal of Electronic Publishing
The Journal of Electronic Publishing (JEP) is a forum for research and discussion about contemporary publishing practices.

Journal of the Southern Association for Information Systems (JSAIS)
JSAIS is a peer-reviewed, open-access journal that publishes scholarly articles on all aspects of information systems.

ACP Journal Club
Selected biomedical literature articles that report original studies and systematic reviews that warrant immediate attention by physicians.

More Databases (10)

Online Journals

Australian journal of ecology
Russian journal of ecology
International journal of ecology

Research Guides

No results found.

Browse Resources by Topic
Search results for journal of ecology

New Catalog (1115)  Articles+ (1210357)  Databases (12)  Library Website (2)  FAQs (27)

New Catalog

Journal of ecology [electronic resource].
Journal
Cambridge : Cambridge University Press, 1913-
Online  View Princeton’s online holdings: getit.princeton.edu

The journal of ecology.
Journal
Oxford : Blackwell Scientific, 1913-
Available  Lewis Library - Serials (shelved by serial title) B720.503
Available  ReCAP B720.503

Russian journal of ecology.
Journal
Available  Lewis Library - Serials (shelved by serial title) Q5540 .E4413

Australian journal of ecology.
Journal
Oxford [Eng.] : Published for the Ecological Society of Australia by Blackwell Scientific Publications,
Available  Lewis Library - Serials (shelved by serial title) QH197 .A78

Polish journal of ecology.
Journal

Articles+

Journal of Ecology News
Gibson, David J
Journal Article - Full-Text Available
Journal of Ecology
Vol. 103, No. 1, 2015, pp. 90-92

Journal of Ecology News
Gibson, David J
Journal Article - Full-Text Available
Journal of Ecology
Vol. 102, No. 1, 2014, pp. 1-3

Journal of Ecology News
Gibson, David J
Journal Article - Full-Text Available
Journal of Ecology
Vol. 101, No. 1, 2013, pp. 1-3

Journal of Ecology News
Hutchings, Michael J
Journal Article - Full-Text Available
Journal of Ecology
Vol. 100, No. 1, 2012, pp. 141-143

Journal of Ecology News: Data Archiving Compliance
Gibson, David J
Journal Article - Full-Text Available

Databases

Ecology Abstracts
1982+
One of the 12 subfiles of Environmental Sciences and Pollution Management, and separately searchable. Focuses on how...

Oxford Bibliographies: Ecology

CNKI Journal Translation Project
English translations from prominent Chinese articles in many fields, from humanities and social sciences to exact...

Library Website

Is there a past in your future? journals, libraries, scholarly communities, and safe havens for content when everyone is getting digi with it
of Ecology and Evolutionary Biology, a Faculty Associate in Princeton’s ... the International Journal of Digital Curation...
Journal of ecology [electronic resource].
Cambridge : Cambridge University Press, 1913-

Click on the following to:

Full text available from JSTOR Arts & Sciences I: 03/01/1913 to 11/30/2011.

Full text available from JSTOR Life Sciences: 03/01/1913 to 11/30/2011.

Full text available from Wiley-Blackwell Full Collection: 1998 to present.

Full text available from Wiley-Blackwell Journals (Frontfile Content): 1998 to present.


Frequency
Six no. a year, 1995-
Frequency varies, 1913-1994

Publication Date
Vol. 1, no. 1 (Mar. 1913)-

Note
Published: Oxford : Blackwell Scientific Publications, 1956-
Vols. 16-21 include supplement: British Empire vegetation abstracts.

System Details

Issued By
Edited for the British Ecological Society.

Note
Description based on JSTOR World Wide Web homepage; title from title screen (viewed Mar. 3, 1999).

Subject
Plant ecology -- Periodicals.

Genre
Periodicals (RoCoLC)fst01411641
EZProxy Login 🏁

In order to use this resource you must enter your AccessID and password (the same one as Academica, Blackboard, and WSU email).

AccessID:

Password:

Problems Connecting?
Remote Access
Contact Us
Permanent Links
Journal of Ecology

Edited By: David Gibson, Richard Bardgett, Mark Rees, Amy Austin
Impact Factor: 6.18
ISI Journal Citation Reports © Ranking: 2015: 9/150 (Ecology); 9/209 (Plant Sciences)
Online ISSN: 1365-2745

Recently Published Issues

- Current Issue: March 2017
  - Volume 105, Issue 2
- January 2017
  - Volume 105, Issue 1
- November 2016
  - Volume 104, Issue 6
- September 2016
  - Volume 104, Issue 5
- July 2016
  - Volume 104, Issue 4

Visit Journal Homepage

Centenary Special Feature

- Centenary Symposium Special Feature: Paper Summaries
  - Browse through the PDF booklet of abstracts below or read the full articles online

Journal of Ecology App

Download the FREE journal app today
Flammability as an ecological and evolutionary driver (pages 289–297)
Julii G. Pausas, Jon E. Keeley and Dylan W. Schwilk
Version of Record online: 21 Nov 2016 | DOI: 10.1111/1365-2745.12691

We live on a flammable planet yet there is little consensus on the origin and evolution of flammability in our flora. Here we provide a novel framework to better understand variability in flammability across scales. We propose that flammability has three dimensions that shape three flammability strategies: the hot-flammable, the fast-flammable and the non-flammable.

Abstract | Article | PDF(1788K) | References | Request Permissions

Towards a thesaurus of plant characteristics: an ecological contribution (pages 298–309)
Eric Garnier, Ulrike Stah1, Marie-Angélique Laporte, Jens Kattge, Isabelle Mougenot
BrowZine Search Results API

- **Request**: The free text query from the user and the BrowZine Library ID

- **Response**: A JSON payload containing:
  - An array of matching journal titles just as if the search was conducted DIRECTLY in BrowZine
  - Path to the journal (including externally linked titles)
  - Cover image paths for each journal
  - Each journal's SJR value
  - Resulting subject matches for the query
  - Indication if the title is within BrowZine or linked externally
BrowZine Availability API

- **Request:** ISSN of Journal and BrowZine Library ID
- **Response:** If a match, a JSON payload containing:
  - Title of the journal
  - Path to the current issue of the journal
  - Path to the journal cover image
  - SJR value (SciMago Journal Rank)
  - Name and links to all subject categories assigned to that journal in BrowZine
Discover Similar Journals
Browse from the A-Z List
Article in Context API

- **Request**: The DOI of an article and the BrowZine Library ID

- **Response**: If a match, a JSON payload containing:
  - Name of the journal
  - Path to the cover image
  - Path to the specific issue that the article is in including specific syntax which will result in the article in question being highlighted for the user
The Technical Bits

• APIs are FREE to use for all BrowZine Subscribing libraries!

• An OAUTH API Token is required to use the API

• All APIs are RESTful and thus requests are simple HTTP requests.

• Full Documentation is provided with your API Key

BrowZine Public API Documentation

Summary

The Third Iron API provides access to some of the functionality that powers the systems with BrowZine, including providing context-aware linking into BrowZine. It is a RESTful API, and so functions are accessed by submitting simple HTTP requests. Access to the BrowZine API functions is governed through the use of OAuth 2.0, as described in the Rate Limiting section to avoid inadvertent overloading of our systems. All customer's data and responses are all of Content-Type "application/json; charset=UTF-8".

Auth

Our publicly available API accepts OAuth2 Bearer tokens to control access to functions indefinitely long period of time, although Third Iron may temporarily disable a token if we do so. Third Iron will notify your organization of the action taken and work will not be compromised and may be in use by unauthorized parties to access your data. In those cases, you may revoke the compromised token and provide you with a new one for your application.

Registration and API token provisioning

To register your application for API use and request an API token, contact our support.

Use of API tokens:

In order to access API functions, your application will have to include the issued token you may:

1. Submit the token as part of an Authorization header as shown:
Getting Started!

• The BrowZine Availability API and the BrowZine Search API are available today! The BrowZine In Context API is coming soon.

• Contact support@thirdiron.com to receive your API Token!

• You will receive an email response with the API documentation as well as information about how to access your token.
Questions?