





# Virtual Catalog Browse by Call Number

Using Alma, OAI-PMH,  
and Solr



# Overview

- Metadata from Alma via OAI-PMH
- MarcXML is loaded into Solr via modified Vufind SolrMarc tools
- Browse indexes are built in Solr
- Server-side PHP interacts with Solr and sends specified data to...
- Client-side Javascript which displays the data to the user

# Alma

- Create OAI Integration profile
- Define a set of relevant records
- Define a OAI publishing job using the set
- Run the publishing job nightly (incremental)

## Virtual Browse

A | General Works >

B | Philosophy, Psych... >

C | Historical Sciences >

D | World History >

E | United States Hist... >

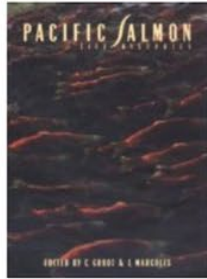
F | General American... >

G | Geography, Anthr... >

H | Social Science >

J | Political Science >

K | Law >



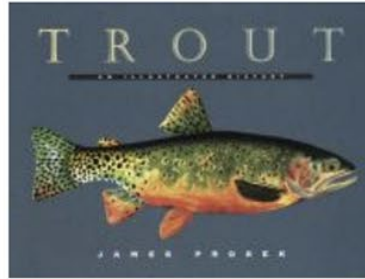
Pacific salmon life histo...

▶ QL638.S2 P34 1991

▶ 1991

▶ Book

▶ Snell Library Stacks



Trout : an illustrated his...

▶ QL638.S2 P75 1996

▶ 1996

▶ Book

▶ Snell Library Stacks



The behavior and ecol...

▶ QL638.S2 Q56 2005

▶ 2005

▶ eBook

▶ Online

Screenshot

# Next steps

- Create a widgetized version that can be used in LibGuides, etc.
- Make a version with new titles only
- Dig deeper into call number hierarchy

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<https://github.com/NEU-Libraries/VirtualBrowse>

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