



New New Titles API

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GIL/GALILEO Support



Old New Title List

- In the Voyager/VuFind era, the “New Titles List” was a plugin developed by the community that enabled the searching over and sorting of the latest titles added to Voyager.
- Had robust features: filtering, book cover display, sorting, etc.
- Originally developed by Michael Doran at UT Alington
- This was relatively straightforward in GIL Voyager, as the database was hosted and controlled by GIL staff.
- Alas, we have entered the era of the cloud and we cannot rely on simple SQL queries to provide us the new title information.



Alma and the Cloud Era

- ExLibris does not empower GIL staff to run queries on the database that stores title information.
- *BUT* “have you tried the API?”
- Also, there’s Alma Analytics, that allows us to run SQL-like queries on Alma data, with some limitations (and a ~24 hour delay)
- As far as I can tell, no ExLibris Alma API enables access to the latest titles
- But we CAN get Analytics Report output via the Alma API...



GALILEO Strategic Planning

- Philosophy of Open Data (Goal 5, Objective 2)
- Make us of User-Centered Design Principles (Goal 1)



Our Solution for a New Era

1. Two Alma Analytics Reports
 - a. Daily Electronic New Titles
 - b. Daily Physical New Titles
2. Two daily jobs that pull and parse the above report XML output via the Alma Analytics API
3. A Simple Ruby on Rails app that stores title information and provides API endpoints for accessing the data
4. Simple, token-based authentication on a per-Institution basis



Basic API Usage

- https://ai.galib.uga.edu/new-titles-api/new_titles
 - Return the new titles from the last 30 days
- https://ai.galib.uga.edu/new-titles-api/new_titles/60
 - Return new titles from the last 60 days
- And so on...



What does this do for my Library?

- Empowers you to include new titles information in the way that best meets your staff and patron needs
- Example: Embed daily new titles on the library homepage using a Drupal or Wordpress widget, increasing traffic and engagement with your site and facilitating serendipitous discovery of new materials
- Build a robust page listing new titles as part of a staff workflow
- Program a digital display to cycle through the latest additions to your library's collections
- ???



What's an API? I don't have time for this...

GIL will host a version of the new titles list that makes use of this API for all institutions, making use of jQuery Datatables to enable searching, pagination, sorting and other robust features.

Example: https://ai.galib.uga.edu/new-titles-api/sample_view

Still in progress!



Under Construction



Data Currently Available

Depending on whether the title is physical or electronic, some fields may be empty.

1. Title
2. Author
3. Publisher
4. Call Number
5. Library
6. Location
7. Material Type
8. Receiving Date*
9. MMS Id
10. Subjects
11. ISBN
12. Publication Date
13. Portfolio Name, Activation Date*, Creation Date
14. Classification Code
15. Availability



Response

```
{ "title": "Percussive notes.",
  "author": null,
  "publisher": "Percussive Arts Society",
  "call_number": "Unknown",
  "library": "Reese Library",
  "location": "R Serarea",
  "material_type": "None",
  "receiving_date": "2018-05-17",
  "mms_id": "993008924102948",
  "subjects": "Percussion instruments--Periodicals.; Percussion music--Periodicals.; Percussion
instruments.; Percussion music.; Periodicals.",
  "isbn": null,
  "publication_date": null,
  "portfolio_name": null,
  "portfolio_activation_date": null,
  "portfolio_creation_date": null,
  "classification_code": "Unknown",
  "availability": "Available"
}
```

```
<head>
  <title>GIL New Titles API Sample</title>
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <script>
    $(document).ready(function() {
      $.getJSON("https://ai.galib.uga.edu/new-titles-api/new_titles/1",
function(data) {
      $.each(data, function(title) {
        $('<tr><td>' + title.title + '</td><td>' + title.mms_id +
'</td></tr>').appendTo("#new-titles")
      });
    });
  </script>
</head>
<body>
  <table id="new-titles">
    <tr><th>Title</th><th>MMS ID</th></tr>
  </table>
</body>
```

Simple Example Code



Possible Additional Features

- Pagination/Response Limit
- Cover Images (Physical Items)
- Links into Primo/Alma
- Additional or Different Fields
- Improved GIL Version Styling
- You Tell Us!



Use It!

- We'd love to have a vanguard institution interested in making use of this on their site
- When we're ready, request an API token for your institution
 - Your API responses will include only New Titles from your institution

Question or Comments
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