

Take your Google Apps to the next level with Google Apps Script

John Meyerhofer
2017 LITA FORUM
<https://goo.gl/hLpVgF>

Structure of the Session

Lesson 1 - Getting Orientated

Lesson 2 - Create your own function

Lesson 3 - Create a custom menu

Lesson 4 - Sidebar

Lesson 5 - Calling APIs

Lesson 6 - Scraping the web

Lesson 7 - Building a New Book page

Lesson 8 - Web App

Background

Why Google Apps Script?

Full journey:

<http://journal.code4lib.org/articles/12199>

<https://www.macalester.edu/library/new/>

The screenshot shows the Macalester College Library website. The header includes the Macalester logo, navigation links (A-Z Index, Events, Search directory & site, MENU), and a secondary navigation bar (FOR: Current Students, Faculty/Staff, Parents & Families, Alumni). Below this is a tertiary navigation bar (About Macalester, Academics, Admissions & Financial Aid, Life at Mac, Support Mac). The main content area is titled "New Arrivals" and includes a "Today's Hours: 8 a.m. - 10 p.m." link. A navigation bar below the title contains links for Home, Databases, Research Guides, and Ask Us. A search section allows users to "Select a department:" (with a dropdown menu) and "or Select a Format:" (with buttons for DVD, Book, eBook, CD, and a Reset button). The main display area shows a grid of new arrivals, each with a book cover, title, author, and a brief description. The grid is organized into two columns. At the bottom, there is a pagination link "1 > 2 > 3 > ... > 181 >". The footer text states: "The New Arrivals page displays the new items from [Macalester's DeWitt Wallace Library](#) for the 2017-18 academic year. Powered by [List](#) is with images provided by [OCLC](#) and [Google Books](#)."

MACALESTER

A-Z Index Events Search directory & site MENU

FOR: Current Students Faculty/Staff Parents & Families Alumni

About Macalester Academics Admissions & Financial Aid Life at Mac Support Mac

HOME CAMPUS DEWITT WALLACE LIBRARY NEW

New Arrivals

[Today's Hours: 8 a.m. - 10 p.m.](#)

Home Databases Research Guides Ask Us

Select a department: Select a department...

or Select a Format: DVD Book eBook CD Reset

Cuidad Del Las Columnas
by Xavier Tavera

Song of Songs : the traditional Hebrew text with the new JPS translation
by Michael A. Fishbane

Popular medicine in Graeco-Roman antiquity : explorations /
by Harris, William V.

HUMAN CONDITIONS.
by LEVINE, ROBERT A.

A Companion to the Flavian Age of Imperial Rome /
by Zissos, Andrew,

Ovid's women of the year : narratives of Roman identity in the Fasti /
by Chiu, Angeline,

Crisis and hope : the educational hopscotch of latin america.

What's worth teaching? : rethinking curriculum in the age of technology /
by Collins, Allan,

1 > 2 > 3 > ... > 181 >

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<https://github.com/jrmeyerhofer/LITA2017>

<https://todaysmeet.com/GASLITA>



Twitter: @JRMeyerhofer

Resources

Book - Google Apps Script by James Ferreira

Overview of Google Apps Script -

<https://developers.google.com/apps-script/overview>

Ben Collins - <https://www.benlcollins.com/spreadsheets/starting-gas/>

GAS Script Snippets - <http://ramblings.mcpher.com/Home/excelquirks/gassnips>

Session Materials - <https://github.com/jrmeyerhofer/LITA2017>