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Customizing Third-Party Content in Encore

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Agenda

- Caveats
- Third-Party Content
- Basics
- Novelist, Syndetics & LibraryThing
- Adding Section Headers
- Customizing LibraryThing
- Overwriting Existing Styles
- Linking to JavaScript File
- Custom Header
- Using jQuery
 - Modify an Element
 - Hide an Element
 - Move an Element
- Using Inspect Element
- Troubleshooting
- HPLD Full Bib Customization



Background

High Plains Library District

- Public library system
- Migrated to Sierra, from Horizon, in November 2014
- Current Sierra Version 1.2.3
- Current Encore Version 4.4
- Around 80,000 patrons have used us within the last year
- Collection contains around 370,500 Bibs
- Approximately 13 locations that lend physical items



Caveats

- Customizations are risky – upgrades can break them
- Each library system is going to have unique customizations that may not be appropriate for another system.
- Always, always save existing customizations before trying something new
- I like to learn new tips. Please tell me if I'm wrong or when there's a better approach.



Third-Party Content

- Provide more information to patrons
- Helps create an online browsing environment
- Examples
 - Summaries
 - Professional Reviews
 - User reviews/ratings
 - Series Information
 - Similar book/series suggestions
 - Tag searches
 - Other editions
 - Lexile Info
 - Book browser



The Basics: How to Add Content

Two options:

- Ill provided integration: Novelist, Syndetics, Chillifresh
- Adding content using JavaScript
 - Sierra Web Admin → Encore Customization → JavaScript

[Screenshot](#)



The Basics: Without Customization

- Screenshot with no custom header or extra JavaScript
- “Extras” and “Google Preview” added by III.
- Many libraries will also have Novelist Select and ChiliFresh content.



The Basics: Default Location Options

- Where content can be added
 - Custom Top
 - Custom Side
 - Custom Bottom



Custom Bottom

```
<script type="text/javascript">  
  var targetDiv =  
  document.getElementById("customBottom");  
  if (targetDiv) {  
    }  
</script>
```

[Screenshot](#)



Novelist Content in Custom Bottom

```
<script type="text/javascript">
  var targetDiv = document.getElementById("customBottom");
  if (targetDiv) {
    targetDiv.innerHTML = '<div id="NoveListSelect"></div>';
  }
</script>
```

```
<script type="text/javascript" id="EIT"
src="http://imageserver.ebscohost.com/eit/eitinit.js?auth=profile&profil
e=[library profile]&pwd=[library password]&cfg=Y"></script>
```

[Example Screenshot](#) | [Example Code](#)



Novelist Div Examples

Series: `<div id='NovelistSeriesTitles'></div>`

Similar Series: `<div id='NovelistSimilarSeries'></div>`

Similar Titles: `<div id='NovelistSimilarTitles'></div>`

Similar Authors: `<div
id='NovelistSimilarAuthors'></div>`

Related Content: `<div
id='RelatedNovelistContent'></div>`

GoodReads: `<div id='NovelistGoodReads'></div>`

Lexile Info: `<div id='NovelistLexileInfo'></div>`



Custom Top

```
var targetDiv =  
document.getElementById("customTop");  
  if (targetDiv) {  
    }  
}
```



Adding Novelist Series and Reviews

```
var targetDiv = document.getElementById("customTop");
if (targetDiv) {
    targetDiv.innerHTML =
        '<div id="NoveListSeriesTitles" class="NoveListSelect
NoveListBookInfo"></div>' +
        '<div id="NoveListGoodReads" class="NoveListSelect
NoveListBookInfo NoveListGoodReads"></div>';
}
```

[Example Screenshot](#) | [Example Code](#)



Syndetics

Syndetics script:

```
<script  
src="http://plus.syndetics.com/widget.php?id=[library  
code]" type="text/javascript"></script>
```

Detailed info on available divs:

https://developers.exlibrisgroup.com/resources/voyager/code_contributions/SyndeticsStarterDocument.pdf



Syndetics Example

Adding Summary in Custom Top:

```
var targetDiv = document.getElementById("customTop");
if (targetDiv) {
    targetDiv.innerHTML = '<div id="syn_summary"></div>' +
        '<div id="NoveListSeriesTitles" class="NoveListSelect NoveListBookInfo"></div>' +
        '<div id="NoveListGoodReads" class="NoveListSelect NoveListBookInfo NoveListGoodReads"></div>';
}
```

[Example Screenshot](#) | [Example Code](#)



LibraryThing for Libraries

LibraryThing script:

```
<script  
src="http://ltfl.librarything.com/forlibraries/widget.js?id=[  
libraryid]" type="text/javascript"></script>
```

Basic Instructions:

http://www.librarything.com/wiki/index.php/LTFL:Installation_instructions



LibraryThing Example

Adding tags and editions to the sidebar:

```
var targetDiv = document.getElementById("customSidebar");
if (targetDiv) {
    targetDiv.innerHTML = '<div id="ltfl_tagbrowse"
class="ltfl"></div>' +
    '<div id="ltfl_related" class="ltfl"></div><br /><br />';
}
```

[Example Screenshot](#) | [Example Code](#)



Customizing Third-Party Content

- Hide divs
- Format display



Adding Section Header

[Before Screenshot](#)

```
<div class="suggestedItemsHeader sectionHeader  
customHeader">Browse Additional Books and  
Media</div>
```

[Example Screenshot](#) | [Example Code](#)



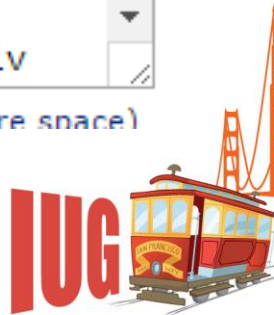
LibraryThing Section Header

- Login to account:
<https://www.librarything.com/forlibraries/>
- Enhancements → Configuration for specific Widget

Configuration	Screen tags? (?)	Show all tags ▾
Tags	Lowest tag size	12 (12 is default)
Similar books	HTML if success	<pre><div class="suggestedItemsHeader sectionHeader customHeader">Tags</div><div</pre>
Other editions and translations		
Reviews		
Shelf browse		
Series		

(More space)

[Example Screenshot](#)



Customizing LibraryThing

- Login to account:
<https://www.librarything.com/forlibraries/>
- Enhancements → Global Configuration
Global Configuration for Enhancements

High Plains Library District

Configure enhancement options here. You can configure enhancements before or after pasting the HTML into your OPAC.

Global CSS (?)

```
img.ltfl_cover_image
{ width:108px !important;
padding-left: 0px !important;
}
iframe#LT_SB_iframe{ width:600px !important; }
td.opbrowseCell{ border: none !important; }
a#original {color:#444 !important; }
```

(More space)

[Example Screenshot](#)



Overriding Styles without Custom Header

```
<LINK TYPE="text/css" REL="stylesheet"  
HREF="http://hpldsierraapp.mylibrary.us/screens/hplds  
tyle.css"></LINK>
```

- Used to tweak Novelist and Syndetics default styles

[Example Screenshot](#) | [Example JavaScript Code](#) | [Example CSS](#)



Linking to JavaScript File

- Encore's [JavaScript admin](#) section is limited to 5000 characters
- Additional JavaScript can be used by linking to an external file
- Some JavaScript elements work better than others in an external file

```
<script  
src="http://hpldsierraapp.mylibrary.us/screens/hpldcustom.js"  
type="text/javascript"></script>
```

[Example JavaScript on Encore Server](#) | [Example external JavaScript File](#)



Custom Header

- Custom Headers are supported in Encore 4.4+
- Helps standardize look and feel of Encore with other library resources
- Can be used to add jQuery library
- Also allows for custom stylesheet for all of Encore
- Must enter both an http and https version (https is used when patrons are logged in)
- Sierra Web Admin → Encore Customization → Header

[Screenshot](#)



Adding jQuery

- jQuery expands Encore customization possibilities
- Put jQuery in Encore's JavaScript section instead of the external JavaScript file
- What I currently use jQuery for
 - Make modifications to an element
 - Hide elements
 - Move elements
- <http://api.jquery.com/>



.ready()

Used to make jQuery wait until it thinks DOM is fully loaded

```
$(document).ready(function() {  
});
```



Selecting a class or id

#

A hash is used to refer to a div id

.

A period is used to refer to a div class

<https://learn.jquery.com/using-jquery-core/faq/how-do-i-select-an-item-using-class-or-id/>



How to find an element

- Right click where you want the content to go
- Depending on the browser choose
 - Internet Explorer & Firefox: “Inspect Element”
 - Chrome: “Inspect”



**Anne of Green Gables / L.M. Montgomery ;
illustrated by Scott McKowen**

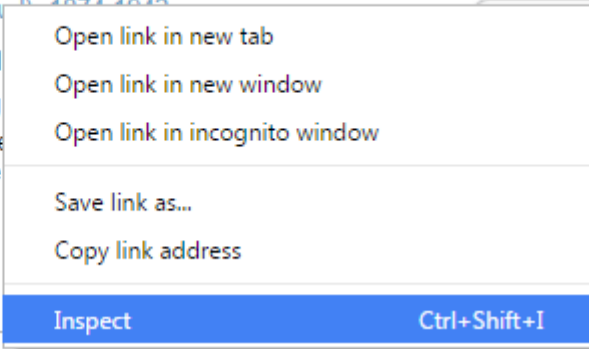
Montgomery, L. M. (Lucy Maud Montgomery, 1874-1942)

Reader Rating: ★★★★★ (1)

Books - Print | Sterling

Available at Carbon Valley Re
(J MONTGOME) plus 1 more

Request it



Items



How to find an element



**Anne of Green Gables / L.M. Montgomery ;
illustrated by Scott McKowen**

Montgomery, L. M. (Lucy Maud), 1874-1942

div.dpBibAuthor 340.909px × 13.6364px

Books - Print | Sterling Pub. | 2004

Request it



Additional actions:

```
Elements Console Sources Network Timeline Profiles Resources Security Audits
<div id="resultRecord-b1090142">
  <div class="gridBrowseContent2">
    <div class="gridBrowseCol1">...</div>
    <div class="gridBrowseCol2">
      <div class="itemBookCover">...</div>
      <div class="dpBibTitle">
        <div id="bibTitle" class="title customHeader">...</div>
        <div class="dpBibAuthor">
          <!-- author -->
          <a id="authorDisplayLinkComponent" href="/iii/encore/search/
            C__SMontgomery%2C%20L.%20M.%20%28Lucy%20Maud%29%2C%201874-1942__Orightresult?
            lang=eng&suite=cobalt">
```



Make Modifications to an Element

Encore's "Popular Choices" and "Browse Results" sections can sometimes cause Syndetics to display content for the wrong title. This is fixed by adding a "syn_skipthis" class to the offending div.

According to a Sierra listserv message, this is something that III Support has fixed for at least one library.



Make Modifications to an Element

If you don't want to wait for support, insert into JavaScript:

```
<script type="text/javascript">
```

```
    // Here we're moving everything around to where we really  
    wanted things to show up and hiding some of the Novelist  
    content.
```

```
    $(document).ready(function() {  
        $("#prevNextResultNavigator").addClass("syn_skipthis");  
        $("#bestBetsAnyComponent").addClass("syn_skipthis");  
    });
```

[Example Code](#)



Hide Element

Problem: “Extra” Syndetics content kept reappearing

Solution: use jQuery to hid it

To hide the content: `$(".enrichedContentList").hide();`

To hide the “Extra” label: `$(".bibInfoHeader").hide();`

[Example Screenshot](#) | [Example Code](#)



Move Elements

- `.after ()` - inserts content after specified element
- `.before()` - inserts content before specified element
- `.append()` - inserts content as the last child of each element
- `.prepend()` - inserts content as the first child of each element



.after() vs .append()

.after()

```
<div class="dpBibAuthor"></div>  
<div id="NoveListGoodReads"></div>
```

.append()

```
<div class="dpBibAuthor">  
<div id="NoveListGoodReads"><div>  
</div>
```



Move Element

- Move Items to show above summary
`$("#customTop").before($(".ItemsContainer"));`
- Move Goodreads ratings to be at the top
`$(".dpBibAuthor").after($("#NoveListGoodReads"));`

[Example Screenshot](#) | [Example Code](#)



Troubleshooting

- If Encore is having trouble try turning off custom headers and JavaScript.
- If your customization is having trouble:
 - Double check for typos
 - Use the browser Inspect Element feature
 - Revert back to working customizations
 - Double check the third-party service isn't down
 - Try different browsers



HPLD Full Bib Customizations

[Full Bib Customization Screenshot](#)

[Encore Javascript](#)

[External Javascript](#)

[Custom Header Example](#)

[Additional CSS](#)



Questions?

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