Customizing Primo with the Central Package

PAUL OJENNUS FOR THE PRIMO CUSTOMIZATION STANDING GROUP
PRIMO DAY 2018
JUNE 11, 2018
Outline

Add a JS-based chat widget to Primo
Styling the Alma GetIt/ViewIt mashup
Add custom action
Send record to SMS—NEW!!!
Hide/show other institutions refinement—ACTION ITEM!!!
Under development
Add a JS-based chat widget to Primo
Chat Widget

See example at Lewis & Clark College: https://primo.lclark.edu/primo-explore/search?vid=LCC
Chat Widget—Implementation

Copy the code template from the Primo Toolkit page

Add the ‘chat’ module to your app definition

Replace the dummy url with the url for your chat service

```javascript
var app = angular.module('viewCustom', ['chat'])

angular
    .module('chat', ['angularLoad'])
    .component('addChat', {
        controller: ['angularLoad', function (angularLoad) {
            this.onInit = function () {
                angularLoad.loadScript('https://my.chat.site/chat.js')
            }
        }
    })

app.component('prmTopBarBefore', {template: '<add-chat />'})
```
Chat Widget—Extended Implementation

Some chat widget services require you to call a startup function when the page loads and pass an authentication key.

If so, modify your component to match the model on the right:

```javascript
angular
  .module('chat', ['angularLoad'])
  .component('addChat', {
    controller: ['angularLoad', function (angularLoad) {
      this.$onInit = function () {
        angularLoad.loadScript('https://cdn.slaask.com/chat.js')
          .then(function() {
            _slaask.init('some_long_unique_id_value')
          })
      }
    }
  })
```
Styling the Alma GetIt/ViewIt mashup
GetIt/ViewIt Styles

See our “Cookbook” on the Primo Toolkit: Cookbook Link

Or you can copy the raw css file and delete what you don’t want: sample css file

Since this is lives in Alma, add the styles to your skin in Alma, not the custom1.css in the customization package

ExLibris documentation
GetIt/ViewIt Styles Sample

See an example in Whitworth University’s Primo: https://alliance-primo.hosted.exlibrisgroup.com/primo-explore/search?vid=WW
GetIt/ViewIt Styles Implementation

Open your mashup_new.css in the skin.zip folder in a text editor

Copy the desired styles to the bottom of the css file

Customize to match your local needs/school colors/etc.
Add custom action to Send To ribbon
Add custom action

Add custom action adds buttons to the send-to ribbon in brief and full results.

Can take and process metadata from the PNX.

Typical use-cases:
- Report a problem
- Show PNX
- Send SMS
Add Custom Action – Implementation

In your custom.js modify the app definition to add the ‘chat’ module as on right:

```javascript
var app = angular.module('viewCustom', [customActions]);
```

OR

```javascript
var app = angular.module('viewCustom', [
  'chat', customActions
]);
```
Add Custom Action – Implementation

Copy the block of code from the Primo Tookit linked here

(This is the corrected code I mentioned in the presentation, it’s not as easy to read, but it will work with Internet Explorer)

```javascript
app.component('prmActionListAfter', {
    template: '<custom-action name="open_pnx"
    label="View PNX" index=5 icon="ic_find_in_page_24px"
    icon-set="action" link="/primo-explore/fulldisplay?docid=' + pnx.search.recordid[0] + '&vid=WW&showPnx=true" />
});
```
Add Custom Action - Implementation

Customize the parameters:

- Name: any unique name
- Label: the text you want to appear under the button
- Index: where in the ribbon you want the button (left edge is 0)
- Icon: find an appropriate icon at [https://material.io/icons/](https://material.io/icons/)
- Icon-set: the set the icon was found in
- Link: what to do when you click

```python
name="open_pnx"
label="View PNX"
index=5
icon="ic_find_in_page_24px"
icon-set="action"
link="/primo-explore/fulldisplay?docid={pnx.search.recordid[0]}&vid=WW&showPnx=true"
```
Add Custom Action – Implementation

Accessing the PNX

- Because we’re injecting this action into the Primo code we can access the PNX
- Most typically you’ll want the record ID; use the syntax:

  `{pnx.search.recordid[0]}`

- Example on my Primo

Some other possibilities

- Grab the author and transfer it to a search in your biography index
- Grab the call number and link to a stack map
- Grab the ISBN and search on it at Google Books or Amazon
Send SMS—NEW!!!

AVAILABLE NOW ON THE SANDBOX
AVAILABLE ON PRODUCTION LATER THIS WEEK (OF 6/10/18)
Send SMS

Add a button to the Send To Ribbon that will email the current record to your SMS service.
Send SMS—Implementation

Implement the “Add Custom Action” customization

Add the sendSms module to your app definition

```javascript
var app = angular.module('viewCustom',
['reportProblem','customActions',
'sendSms','toggleInstitutions']);
```
Send SMS—Implementation

Within the *template* you added in “Add Custom Actions”, add an element `<sms-action>`

```javascript
app.component('prmActionListAfter', {
    template: '<custom-action name="open_pnx" label="View PNX" index=5 icon="ic_find_in_page_24px" icon-set="action" link="/primo-explore/fulldisplay?docid=pxn.search.recordid[0]&vid=WW&showPnx=true" />
    <sms-action />
});
```
Send SMS—Implementation

Customize your button:
- Name: any unique name
- Label: text on button
- Index: position in ribbon (left end is 0)
- Icon: choose an icon for the button

```javascript
app.value('smsOptions', {
  smsAction: {
    name: 'send_sms',
    label: 'Send SMS',
    index: 5,
    icon: {
      icon: 'ic_smartphone_24px',
      iconSet: 'hardware',
      type: 'svg'
    }
  },
});
```
Send SMS—Implementation

Customize the carrier drop-down

- First value, e.g., ‘ATT’ is the text that will appear in the drop-down
- Second value is the domain the carrier uses to accept emails and convert them to text
- We recommend removing Verizon and Project Fi

See example on My Sandbox

```javascript
smsCarriers: {
    'ATT': 'txt.att.net',
    'T-Mobile': 'tmomail.net',
    'Virgin': 'vmobl.com',
    'Sprint': 'messaging.sprintpcs.com',
    'Nextel': 'messaging.nextel.com',
    'Verizon': 'vtext.com',
    'Cricket': 'mms.mycricket.com',
    'Qwest': 'qwestmp.com',
    'Project Fi': 'msg.fi.google.com'
},
```
Hide/Show Other Institutions Refinement

ACTION ITEM—UPDATE HAPPENS 7/1/18
Hide/Show Other Institutions Refinement

This was our first JS customization and we still had a few things to learn:
- BP in coordinating the local package and the Central Package
- Keeping the prmBlahBlahAfter hooks available
- Accessibility
Hide/Show Other Institutions Refinement

Isolate the CP code in an angular module that needs to be turned on with 'toggleInstitutions' var app = angular.module('viewCustom',
[ 'reportProblem', 'customActions', 'sendSms',
'customLogos', 'toggleInstitutions' ]); 

app.component('prmAlmaMoreInstAfter', {
  template: '<toggle-institutions />' });

app.constant('showHideMoreInstOptions', {
  default_state: "visible",
  show_label: "zeigen Bibliotheken",
  hide_label: "verstecken Bibliotheken"
});

Use the prmAlmaMoreInstAfter declaration in the local package to inject our own custom declaration

Add parameters in an angular object
Hide/Show Other Institutions Refinement

The update happens 7/1/18, please update your local package close to that date

Available now in the sandbox for testing

On the right is the new code you need to add to your local package

Remember to remove the old code

Works great with the devenv!

Won’t interfere with your local code!

Accessibility approved!

```javascript
var app = angular.module('viewCustom', ['reportProblem', 'customActions', 'sendSms', 'customLogos', 'toggleInstitutions']);

app.component('prmAlmaMoreInstAfter', {
  template: '<toggle-institutions />

app.constant('showHideMoreInstOptions', {
  default_state: "visible",
  show_label: "zeigen Bibliotheken",
  hide_label: "verstecken Bibliotheken"
});
```
Hide/Show Other Institutions

Refinement


Get It from other institutions

- Seattle University
  - Available
- UID - University of Idaho
  - Available
- University of Washington
  - Available
- Reed College
  - Available
- WPC - Warner Pacific College
  - Available
Coming Soon! Central Package Customizations in Development
Coming Soon: In Development

Enlarge cover on click

Place a custom URL in the gift book field display

Increase default results shown per page from 10 to 50

Add tool tip to Peer Review icon that explains peer review

Warning bar to sign in when in My Favorites

Submit your own suggestion on our request form

Track the progress of your suggestion on our Trello board
Thank You!

POJENNUS@WHITWORTH.EDU
SYS-DISCUSSION@ORBISCASCADE.ORG
SLACK #PRIMO-NEWUI