Primo New UI: Gift Book Links

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Note: IE Issue

1. These slides can be used for learning the concept and technique, but this addition does not work well in IE or Edge browsers as they do not support the “display:none” CSS element.
Agenda

1. The issue
2. Bookplate and AngularJS
3. Tips and tricks for customizations
4. Directives
5. Binding and data
6. Controllers
7. Gift book links

Acknowledgements:
Corinna Baksik, Harvard University
Slack and Primo mailing list folks willing to share their code.
With the classic interface of Primo, we were able to have a link appear in donated titles which was tied to the 599-field-bookplate project.

*Jesus then & now: images of Jesus in history and Christology*
Marvin W. Meyer; ©2001

**Gift of Robert W. Funk**

Available at Mark O. Hatfield Library HAT Funk Collection (BT203 .J47 2001 )

Get It     Details     Browse
With the new interface of Primo, we would just get what appeared to be a link appear in donated titles. Which when clicked was just a reference to itself.
Bookplates and AngularJS

1. Must have in place the 599 gift book field, with the \textit{virtual bookplate} subfield.

2. AngularJS is a JavaScript-based open-source front-end web application framework mainly maintained by Google used in developing single-page applications. It is extra special with additional features like “data binding”.
Tips and Tricks

Editors: Visual Studio, Komodo Edit, IntelliJ IDEA

Google Chrome Developer Mode

Noam Primo Workflow Development Environment

PRIMO New UI Hackathon/Virtual Conference

Angular Development Bookmark
Directives: Primo uses external "md-" and creates its own which it prefaces with "prm-"

```html
<header layout="column" layout-fill class="topbar-wrapper">
   <prm-topbar/>
</prm-topbar>

<prm-search-bar (search-event)="prmSearch.onSearchBarSearchEvent()">
   <md-progress-linear class="header-progress-bar animation-scale-up-down" md-mode="indeterminate"/>
</prm-search-bar>
```
Determine the directive:

Directives attach a behavior to an HTML element – they “direct” it to do something. This is how we can plug in to the interface to make changes.
Example of Use

/***/ Begin Bib Number Addition section *****/

app.component('prmBriefResultAfter', {
    bindings: { parentCtrl: '<' },
    controller: 'prmBriefResultAfterController',
    template: '<span>Hello number</span>'
});

The HTML or text that you want to insert after the brief result.
• Means that you can "bind" the component you are adding to its parent, in this case:

  directive name: prmBriefResultAfter

  parent element: prm-brief-result

• When you bind it to the parent, you can access the data model of the parent (e.g. PNX data)
Determine data available

1. Open the console log and type:

   ```javascript
   angular.reloadWithDebugInfo()
   ```

2. Inspect the element in your browser window

3. Make sure the element in question is highlighted
Determine Data Available cont.

Switch back to console.log and enter:

```
angular.element($0).scope().$ctrl
```
Determine Data Available cont.
Determine Data Available cont.

Here is the text I need.
Controller

- This is how you let Angular know where the data is and what to do with it.
Current code

```javascript
app.component('prmBriefResultAfter', {
    bindings: { parentCtrl: '<' },
    controller: 'prmBriefResultAfterController',
    template: '<span style="{{ctrl.show}}">A gift of <a href="{{ctrl.url}}">{{ctrl.just_donor}}</a></span>'
});

app.controller('prmBriefResultAfterController', function () {
    var vm = this;
    vm.donor = {};
    vm.show = "display:none;";
    if (this.parentCtrl.item.pnx.display.lds06 != null) {
        vm.array = this.parentCtrl.item.pnx.display.lds06;

        for (var i = 0, len = vm.array.length; i < len; i++) {
            vm.donor = vm.array[i];
            if (vm.donor.includes("$IWU") && vm.donor.includes("Gift of")) {
                vm.donor_chop = vm.donor.replace("$IWU","");
                vm.just_donor = vm.donor_chop.replace("Gift of","");
                vm.show = "display:inline;";
            }
        }
    }
    else {vm.show = "display:none;";}
});
```
A couple of bumps...

1. Don’t manipulate the DOM, just hide the original element and add a new one.

2. The lds06 field is also used for online access links.

3. More than one library may have the book as a gift book.

```javascript
lds06: Array(4)
0: "Cop.3 author signed.$$IOSU"
1: "Whitman College Faculty (1967–1999) {Roy W. Hoover}$$IWHITC"
2: "AUP2013$$ISPU"
3: "Gift of Robert W. Funk$$IWU"
length: 4
```
Final Result

PRINT BOOK
**A credible Jesus : fragments of a vision**
A gift of Robert W. Funk
Available at Mark O. Hatfield Library  HAT Funk Collection (BT304 .F76 2002 ) available at multiple libraries

PRINT BOOK
**Honest to Jesus : Jesus for a new millennium**
A gift of Robert W. Funk
Available at Mark O. Hatfield Library  HAT Funk Collection (BT303.2 .F85 1996 ) available at multiple libraries

PRINT BOOK
**The once & future faith**
Karen Armstrong, 1944-;; 2001
A gift of Robert W. Funk
Available at Mark O. Hatfield Library  HAT Funk Collection (BR41 .O53 2001 ) available at multiple libraries
Other Bookplates in the Alliance

Portland State University

PRINT BOOK
ことばの由来 Kotoba no yurai
堀井令以知, 1925-2013: Reiichi Horii, 1925-2013.
Tōkyō : Iwanami Shoten; 東京：岩波書店,
2005

Gift of Naomi Makino/Kinokuniya Book Store

Available at Portland State Library Shelves -- 4th floor (PL665 .H67 2005 ) and other locations
Any questions?


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Thanks!
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