Chapter 11: Combining for Demonstration

Learning Bluemix & Blockchain

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The Plan: 30 minute Chapters with an hour or two of practice

Chapter 1: What is Blockchain? Concept and Architecture overview

Chapter 2: What's the story we're going to build

Chapter 2.1: Architecture for the Story

Chapter 3: Set up local HyperLedger V1 development environment

Chapter 4: Build and test the network

Chapter 5: Administration User Experience

Chapter 6: Buyer Support and User Experience

Chapter 7: Seller Support and User Experience

Chapter 8: Shipper Support and User Experience

Chapter 9: Provider Support and User Experience

Chapter 10: Finance Company Support and User Experience

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Chapter 12: Events and Automating for Demonstration

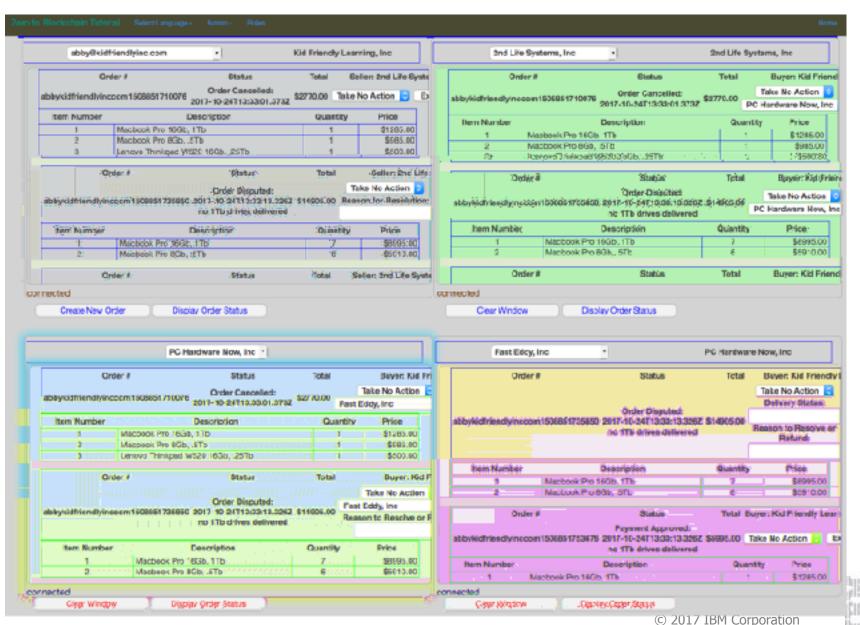
The unified user experience

Why build this?

It's confusing to keep track of all the roles, or persona, in the network as we flip from screen to screen.

So, let's put them all together.

If we were careful building our code for these 4 roles (we were), then we should have to do very little work to create this integrated view.



What do we have to change?

Change and create some new CSS

This will put each role into a quarter page window

Create a small HTML page with a 2x2 matrix

Update the singleUX function to load these pages along with loading all the member information

CSS

Create 2 new CSS classes: halfPane (top row) halfPane2 (bottom row)

```
.halfPane{
   position: absolute:
   rærgim. ..0625em;
.halfPane2{
   position: absolute;
     top: 50%;
     width: 48%;
     overflow: hidden;
```

HTML

Create a little HTML file

```
<div>
  <div>
    <div class="showfocus halfPane" id="buyerbody">(buyer view)</div>
        <div class="showfocus halfPane" id="sellerbody">(seller view)</div>
      </div>
  <div>
    <div class="showfocus halfPane2" id="providerbody">(provider view)</div>
        <div class="showfocus halfPane2" id="shipperbody">(shipper view)</div>
      40 1 mm.
```

Update singleUX function

Add 4 function calls, one for each role we will display on the unified page.

```
function singleUX ()
 var toLoad = 'singleUX.html';
 var options = {};
 options.registry = 'Seller';
 var options2 = {};
 options2.registry = 'Buyer';
 var options3 = {};
 options3.registry = 'Provider';
 var options4 = {};
 options4.registry = 'Shipper';
 $.when($.get(toLoad), $.post('/composer/adm
     $.post('/composer/admin/getMembers', op
     buyers = _buyers[0].members;
     sellers = _sellers[0].members;
     s_string = _getMembers(sellers);
     providers = _providers[0].members
     p_string = _getMembers(providers);
     shippers = _shippers[0].members
     sh_string = _getMembers(shippers);
     $("#body").empty();
     $("#body").append(_page[0]);
     loadBuyerUX();
     loadSellerUX();
     loadProviderUX();
     loadShipperUX();
   });
```



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