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Cloud List

What are the key challenges?

But if you remember, our classic framework doesn't fully apply the "separation of responsibilities". Components are too tightly coupled.

User

Uses

Here are a few examples:

- Records are bound to a single specific form.
- Form sections and fields are tied to BO sections and fields.
- · Forms cannot be replaced without breaking workflows.

Displays

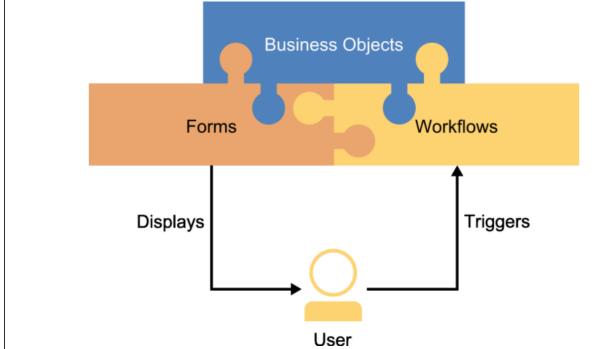
• The Modify Metadata task in the workflow is tied to a single form.

So, if we redraw the basic MVC diagram with this lack of separation, our TRIRIGA framework might look like this. This is where UX comes in!





?



At the same time, let's be clear where UX doesn't come in.

Because there's no automatic or direct path from key classic concepts to new UX concepts, the term "upgrade" doesn't really apply. In the words of Ryan Koppelman, our (former) manager of TRIRIGA platform development, "certain concepts do not align, and thus cannot be [directly] upgraded." So instead, we'll take each concept and compare their approaches.

Comparison of Approaches.

Concept	Classic	ux
Modify Metadata Task	Classic applications typically use workflows with Modify Metadata tasks to hide and show form tabs, sections, and fields, or to change the text or text color of a label.	In UX, there is no concept of a Modify Metadata task. Instead, a variety of layout components, field elements, and action-button elements are available to render a dynamic view.
State Transition Actions	Classic applications typically use state transition actions that call workflows with Modify Metadata tasks to hide and show form tabs, sections, and fields, based on the state of a record.	In UX, there is no concept of a Modify Metadata task. Again, a variety of layout components, field elements, and action-button elements are available to render a dynamic view.
Query Sections	Classic applications typically use query sections to show a collection of records. Query sections can also trigger workflows with Modify Metadata tasks.	In UX, query interactions rely on Query data sources, which can be pulled into table (grid) layout components. Again, there is no concept of a Modify Metadata task.
Query Actions	Section actions and query sections with Find actions are found throughout our classic applications. Find queries also offer an option to add new records.	In UX, there is no concept of section actions or a Find action for query sections. Instead, action-button elements are available to render actions as needed. Also, search interactions rely on Query data sources, which can be pulled into table (grid) layout components, list layout components, or search field elements.
Popup Forms	Popup forms are found throughout our classic applications. Popup forms also display different elements or in different sizes, based on what is selected in the parent form.	In UX, there is no concept of a popup form, which is designed for desktop screens not mobile displays. Instead, different data sources are pulled into their respective components or elements within the same view as needed.
Data Validation	Classic forms rely on Get Temp Record tasks and Modify Metadata tasks to show Attention messages.	In UX, validation relies on in-memory business objects and modal dialogs. This validation approach is significantly different from the classic approach.
Mobile Design	Classic applications were designed for a full desktop experience, not for today's mobile experience with smaller screens and simplified interfaces.	In UX, code that leverages built-in features of Google Polymer elements is "mobile responsive" out-of-the-box. This responsive-design approach is significantly different from the classic approach.

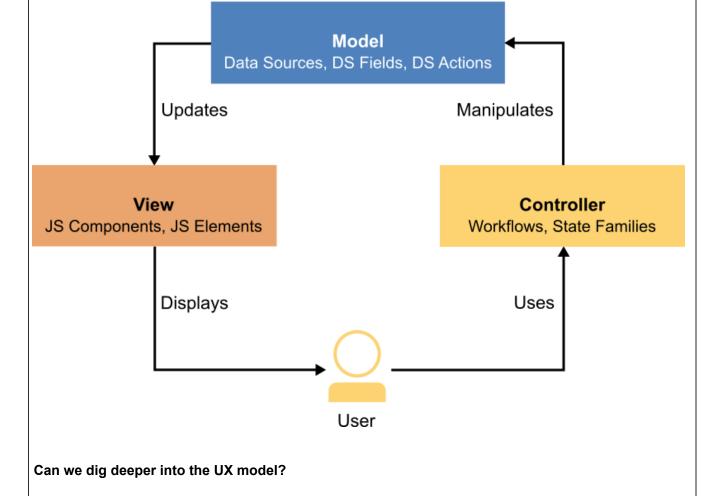
As you can see, while the UX framework tackles the key challenges in decoupling our classic framework into its separate MVC components, it also isn't meant to automatically "upgrade" our classic framework.

As observed by Casey Cantwell, our (former) lead QA engineer on the TRIRIGA platform team, we have "a unique opportunity to develop a framework for next generation applications." This innovative freedom is key. With this in mind, let's dig deeper into the UX metadata concepts. Are you ready?

What are the new metadata concepts?

Building on a solid foundation, the UX framework introduces two new metadata concepts: (1) the model to retrieve the data and trigger the business logic, and (2) the view to render the interfaces or forms. The new renders will be "bolt-on" views that can be quickly added or removed, and will still use our existing application data and workflows.

Once again, if we redraw the basic MVC diagram with our new decoupled metadata approach, our UX framework might look something like this.



Of course! As I just mentioned, the model is used *"to retrieve the data and trigger the business logic".* To be clear, this is where *you* can define your models in whatever way you see fit to fulfill your business needs. First, you must define your models before you can develop your views.

Each model can be made up of the following components:

- Data Sources.
 - Child Data Sources.
 - Related Data Sources.
- Data Source Fields.
- Data Source Actions.

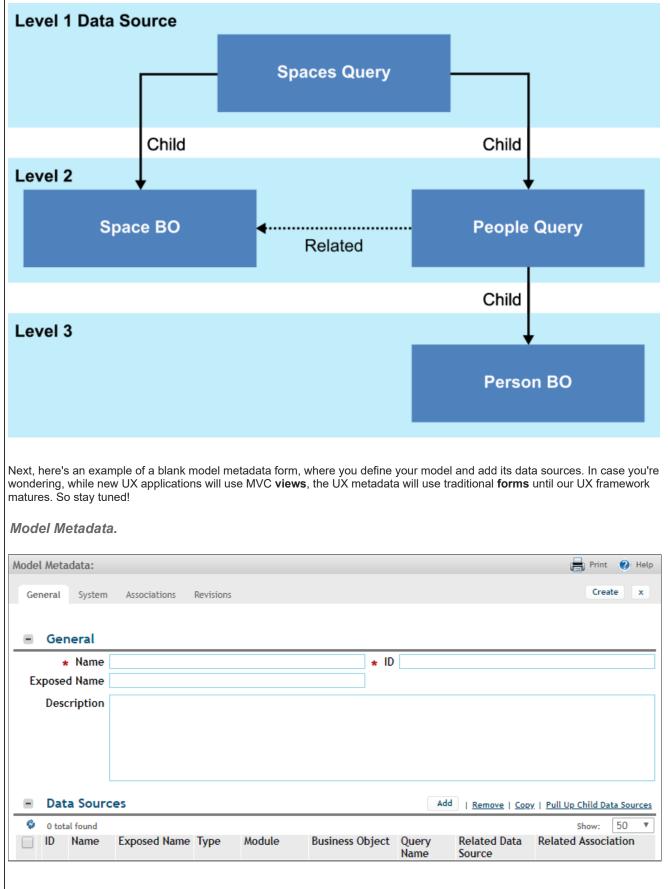
Before we look at some screenshots, here are some longer descriptions.

Component Descriptions.

Component	Description
	You can define data sources, child data sources, and related data sources to pull together all of the data needed for a model. A data source can be one of several types:
	• Business Object: This type identifies a single record. Traditional scenarios include persistent Create, Update, and Delete interactions.
	• Current User: This type identifies a single user. Traditional scenarios include language, time-zone, and date-time interactions.
	• In-Memory Business Object: This type stores data in a non-persistent scenario.
	 List: This type identifies a collection of values. Traditional scenarios include list-valu interactions.
- / -	Query: This type identifies a collection of records. Traditional scenarios include table (grid), list, and search interactions.
Data Sources	• Resource Calendar: This type identifies an array of calendar events for resources.
	 Security Information: This type delivers permission information of the current user the UX application.
	 Smart Section: This type identifies an associated business record. Traditional scenarios include smart section interactions. For future use.
	 UOM: This type identifies a collection of units of measure. Traditional scenarios include area, length, and currency interactions.
	• Work Planner: This type identifies the work availability for a set of people. It uses the person's calendar to calculate the available hours, while it uses a query to calculate the planned hours. This is intended for Polymer 3 apps only.
	If you have any questions about these data source types, feel free to check out the <u>Application Building for the IBM TRIRIGA Application Platform 3</u> user guide.
	Child data sources are not required, but can also be powerful in shaping the user experience.
	They are identical to other data sources, but they operate as children at a lower level beneath their parent data source. In fact, you can add several levels to build a hierarchy of data sources.
	To illustrate, let's say that you defined Spaces Query as your first-level data source. Then you might define Space BO and People Query as second-level child data sources, where the Space BO would be a related (contextual) data source for People Query. Lastly, you might also define Person BO as a third-level child data source of People Query.
Child Data Sources	Level 1 Data Source: Spaces Query with 2 children.
	Level 2 Data Source: Space BO.
	• Level 2 Data Source: People Query with related Space BO and with 1 child.
	Level 3 Data Source: Person BO.
	With this hierarchy, a user can (1) see a list of spaces, (2) drill into a single space and see people assigned to that space, and (3) drill into a single person record. In our classic framework, this scenario could only be achieved by using many workflows to set variables In our UX framework, we can achieve this with zero workflows!
Related Data Sources	Related (or contextual) data sources are not required either. But they can be just as power in filtering the results of one data source, based on the context of another data source. Imagine that!
	To illustrate, let's say that you defined Work Task as one data source. Then you might define Responsible Organization as another data source with the related data source of Work Task You might also define Manager of Organization as yet another data source with the related dat
	Data Source: Work Task.
	Data Source: Responsible Organization with related Work Task.

	• Data Source: Manager of Organization with related Responsible Organization.	
Data Source Fields	Each data source must define at least one field. Each field corresponds to a field in the data source type.	
	To illustrate, let's say that you defined a data source with a Business Object type. Then each field in your data source references a corresponding field in the business object.	
Data Source Actions	With data source actions, you define which business rules or workflow logic can be triggered by your data source.	
	For convenience, your actions can also be grouped together into action groups.	

Here's a basic diagram of the data source hierarchy and its relationships.



Here's an example of a blank data source metadata form, where you define your data source and add its fields, actions, and child data sources.

Data Source Metadata.



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To access the full list of TRIRIGA components and their related documentation, enter the following URL address: http://instname:port]/context_path]/p/web/doc, where [hostname:port] and [/context_path] are the specific values for your TRIRIGA

	[hostname:port] and [/context_path] are the specific values for your TRIRIGA environment. For example, just add /p/web/doc : http://localhost:9080/dev/p/web/doc
Custom Components	You can add Polymer-based components customized by yourself to enable field-level interactions or information in a rendered view. These components might include a custom search field or custom people card view. Example tags might include <custom-search-input>, <my-paper-button>, and <jay-ux-people-card>.</jay-ux-people-card></my-paper-button></custom-search-input>
Polymer Elements	 Not only can you add components provided by TRIRIGA or customized by yourself, you can also add elements provided by the Polymer library to provide field-level interactions or information in a rendered view. These Polymer elements include a check box, data field, number field, search field, and text field. Iron Elements: This type represents the core elements that don't express a specific visual design style or language. Paper Elements: This type expresses the material design language by Google. Examples include <paper-material>, <paper-input>, and <paper-button>. </paper-button></paper-input></paper-material> Other Elements: Other types like <i>Neon</i> elements represent animation, and additional functions. If you have any questions about Polymer, its concepts, or its elements, feel free to check out the Polymer website at www.polymer-project.org.
Traditional Elements	You can also add traditional HTML elements such as containers, headings, or paragraphs. In addition, you can apply CSS styles to these traditional HTML elements as well as TRIRIGA elements and Polymer elements. Example tags include <div></div> , <h1></h1> , and .
	Example tags include <div></div> , <h1></h1> , and .

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Can we build a	a simple UX application?		

Yes, I think we can! After all, this is what you were waiting for, right? At this point, you should have a better idea of the concepts and components.

For our example, we'll build a simple 3-field 3-button application by (1) defining a **model** with a single data source, (2) defining the view connections to a model-and-view and application, then (3) defining and designing a **view** with a single main JavaScript (JS) file. Sounds easy, huh?

Here are the basic steps:

- Define your model.
 - Optional: Add the business object.
 - 1: Add the model.
 - 2: Add the data source.
 - $\circ~$ 3: Add a few fields for your data source.
- Define your view connections.
 - 4: Add the view.
 - 5: Add the model-and-view.
 - 6: Add the application for your model-and-view.

- Define your view.
 - 7: Install the NPM and TRIRIGA tools.
 - 8: Add the main JS file for your view.
 - 9: Access the application.
- <u>Design your view.</u>
 - 10: Start the tri-proxy tool.
 - 11: Add a paragraph element to your JS file.
 - 12: Add a few field elements to your JS file.
 - 13: Add a few button elements to your JS file.

Define your model.

Before you begin.

In your web browser's address bar, enter the following URL address: http://[hostname:port][/context_path], where [hostname:port] and [/context_path] are the specific values for your TRIRIGA environment. For example, if you're building the app locally: http://localhost:9080/dev

In **Step 7**, I'll ask you to contact your IBM TRIRIGA representative if you cannot access the download location of the <u>Node.js</u> <u>Package Manager (NPM)</u> tool. So be prepared for that.

Optional Step: Add the business object.

If you're comfortable with using an existing business object, that's great! You can skip this step. But if you feel safer with a test BO, that's cool too.

From the navigation bar, select **Tools > Builder Tools > Data Modeler**. Add your new module and BO with a prefix that's easy to identify. For our example, we'll add the **jayUX** module and **jayUXBO** business object. Add 3 fields to your BO and update the BO mapping. Then **Publish BO**.

Data Modeler.

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Step 1: Add the model.

From the navigation bar, select **Tools > [Tools Portal] > Model Designer**. Click **Add**. Enter the name, exposed name, and ID of your model. The exposed name should be a browser-friendly string. For our example, we'll type **jayUXBOModel** and skip the description. Then click **Create**.

Model Metadata.

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Why do we need a dash in the exposed name? *In Polymer, custom element names must always contain a dash (-)*. This distinguishes custom elements from regular elements but also ensures forward compatibility when new tags are introduced. So, later in our example, when you design your JS view, your metadata will already reflect that dash.

Why are we skipping the View Files section? We're saving this part for later! So, for now, let's define the rest of the connections.

Step 5: Add the model-and-view.

From the navigation bar, select **Tools > [Tools Portal] > Model and View Designer**. Click **Add**. Enter the name, exposed name, and ID of your model-and-view. For our example, we'll type **jayUXBOModelAndView**. Enter the names of the model and the

Model And View Me	tadata:						🖶 Print 🕜 He
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	curious, feel free to check out the <u>tri-template</u> options and details.				
tri-proxy	 npm install @tririga/tri-proxy -g This command installs the tri-proxy tool. tri-proxy This is a simple tool that serves UX views from your local file system and proxies all other view files and calls to a TRIRIGA server. This tool resembles the WebViewSync sync -a command, but provides a continuous preview (after each file save) without permanent changes. If you're curious, feel free to check out the tri-proxy options and details. 				
tri-deploy	 npm install @tririga/tri-deploy -g This command installs the tri-deploy tool. tri-deploy This is a simple tool that deploys UX views to a TRIRIGA server. It updates the UX view files on the server with the files from the specified local directory, and deletes any files on the server that does not exist in the local directory. This tool resembles the WebViewSync push or sync -a command, but provides a one-time action (not continuous) with permanent changes. If you're curious, feel free to check out the tri-deploy options and details. 				
tri-pull	npm install @tririga/tri-pull -g This command installs the tri-pull tool. tri-pull This is a simple tool that pulls UX views from a TRIRIGA server. It updates the UX				

	resembles the WebViewSync pull command. If you're curious, feel free to check out the <u>tri-pull</u> options and details.
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c:\>	
	time to add your main JS view file. If you remember, we skipped the View Files section of y
	oulate it. I the same name as your view name. For our example, in the folder C:\tririga-ux\polymer- 3 ay-uxbo-view . Next, in your command prompt, change directory to this new folder.
To go ahead and add your main JS exposed-name where -t applies a	S view file, run the following tri-template command: tri-template -t template-name -e view starter template, template-name is one of the available starter templates, -e generates yo d-name is the exposed name of your view (with the dash).
•	plate name starter-v3 and the view name jay-uxbo-view .
NPM > tri-template > Add	/iew.
C:\>cd tririga-ux\pol	ymer-3\jay-uxbo-view
C:\tririga-ux\polymer ew	-3\jay-uxbo-view>tri-template -t starter-v3 -e jay-uxbo-
Template Name: sta Element Name: jay Directory: C:\	
Template Log:	iriga-ux\polymer-3\jay-uxbo-view\jay-uxbo-view.js
C:\tririga-u x \polymer	-3\jay-uxbo-view>
After your JS file is added, you'll se file that you started.	ee that the C:\tririga-ux\polymer-3\jay-uxbo-view folder now contains the jay-uxbo-view .
To deploy (or push) your view file t [/context_path] -u username -p applies your TRIRIGA username,	to the server, run the following tri-deploy command: tri-deploy -t http://[hostname:port] password -v view-exposed-name -d directory-path -y 3 where -t targets the server URL, -p applies your TRIRIGA password, -v deploys your view, view-exposed-name is the expo , -d applies your local directory, directory-path is the full local directory path of your view, - 3 is Polymer 3.
	beta.tririga-dev.com (no context), the view name jay-uxbo-view , and the full local directory

For our example, we'll use http://beta.tririga-dev.com (no context), the view name jay-uxbo-view, and the full local directory path C:\tririga-ux\polymer-3\jay-uxbo-view.

Notes:

 If your environment implements a firewall, the tri-deploy command must include 2 additional options and their values, where --basicuser applies the username for basic authentication, and --basicpassword applies the password for basic authentication. Feel free to check out the tri-deploy options and details.

NPM > tri-deploy > Deploy View.

```
C:\tririga-ux\polymer-3\jay-uxbo-view>tri-deploy -t http://beta.tririga-dev.com
-u jm88888888 -p p88888888 -v jay-uxbo-view -d C:\tririga-ux\polymer-3\jay-uxbo-
view -y 3
Deployment config:
```

```
View: jay-uxbo-view
View Polymer Version: 3
Directory: C:/tririga-ux/polymer-3/jay-uxbo-view
Target server: http://beta.tririga-dev.com
```

```
Deployment log:
File saved: /jay-uxbo-view.js
```

```
C:\tririga-ux\polymer-3\jay-uxbo-view>
```

Next, to verify the view metadata, return to **Tools > [Tools Portal] > Web View Designer** and the **jayUXBOView** view. You'll see that the View Files section is now populated with the **jay-uxbo-view.js** view file metadata.

Web View Metadata > View Files.

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Step 11: Add a paragraph element to your JS file.

In the new view folder that contains the new starter file that you added, open the JS file with the HTML/JS editor of your choice. In our example, we'll open jay-uxbo-view.js. For now, we'll skip the HTML/JS introductions and dive into editing the starter view.

First, add the import line at the top of your JS file to import the TRIRIGA triplat-ds (data source) component: import { TriPlatDs } from "../triplat-ds/triplat-ds.js";

JS File > Import triplat-ds.

jay-uxbo-view.js

- import { mixinBehaviors } from '.../@polymer/polymer/lib/legacy/class.js';
- import { PolymerElement, html } from '../@polymer/polymer/polymer-element.js'; import { TriPlatViewBehavior } from "../triplat-view-behavior/triplat-viewbehavior.js";
- import { TriPlatDs } from "../triplat-ds/triplat-ds.js"; import "../@polymer/paper-material/paper-material.js";

Next, add the <triplat-ds> tag to declare the TRIRIGA triplat-ds component: <triplat-ds name="jayUXBODataSource" data=" {{data}}"></triplat-ds> where name="jayUXBODataSource" points to your defined data source.

Now, it's time to add the traditional tag for the paragraph element. Let's type: Hello World! This is my 1st UX view!

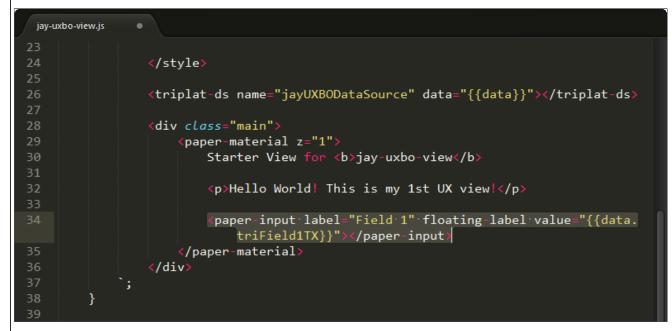
JS File > Declare triplat-ds.

jay-uxbo-view.js	•
23	
24 25	<pre>«triplat-ds name="jayUXBODataSource" data="{{data}}"></pre>
26 27	<div class="main"></div>
28	<paper-material z="1"></paper-material>
29 30	Starter View for jay-uxbo-view
31	Hello World! This is my 1st UX view!
32 33	
34	
35 ` 36 }	;
37	
	le, return to the command prompt. You'll see the message " Reloading Browsers ." indicating that the iew.js is reloaded into your preview. In other words, each save will reload your preview.
NPM > tri-proxy	> Reload View.
	\polymer-3\jay-uxbo-view>tri-proxy -t http://beta.tririga-dev.c App -v jay-uxbo-view -d C:\tririga-ux\polymer-3\jay-uxbo-view
	erved statically from the file system:
View.	jay-uxbo-view
	C:\tririga-ux\polymer-3\jay-uxbo-view
[Browsersync]	Proxying: http://beta.tririga-dev.com
	Access URLs:
Local: http:	//localhost:8001/p/web/jayUXBOApp
	Watching files Reloading Browsers
Next, to verify the cha	ange, return to the UX view. Do you see your change? You've added your first element! Ready for mor
UX App > Previe	w Starter View.
	Starter View for jay-uxbo-view
	Hello World! This is my 1st UX view!
Step 12: Add a f	ew field elements to your JS file.
	ne Polymer <paper-input></paper-input> tag for a single-line text field based on the material design language by Go tions about Polymer, its concepts, or its elements, feel free to check out the Polymer website at
www.polymer-project	
· / / / / / / / / / / / / / /	
If you remember, we	
If you remember, we relationship to each d	lata source field triField1TX , triField2TX , and triField3TX . Like before, make sure the tri-proxy comi
If you remember, we relationship to each d is running in the com	data source field triField1TX , triField2TX , and triField3TX . Like before, make sure the tri-proxy command prompt. (At any time, you can also run tri-deploy to push your updated view file to the server.)
If you remember, we a relationship to each d is running in the com First, add the import	lata source field triField1TX , triField2TX , and triField3TX . Like before, make sure the tri-proxy command prompt. (At any time, you can also run tri-deploy to push your updated view file to the server.) line at the top to import the Polymer element: import "/@polymer/paper-input/paper-input.js";
If you remember, we relationship to each d is running in the comr	lata source field triField1TX , triField2TX , and triField3TX . Like before, make sure the tri-proxy command prompt. (At any time, you can also run tri-deploy to push your updated view file to the server.) line at the top to import the Polymer element: import "/@polymer/paper-input/paper-input.js";
If you remember, we a relationship to each d is running in the com First, add the import	line at the top to import the Polymer element: import "/@polymer/paper-input/paper-input.js";
If you remember, we a relationship to each d is running in the comm First, add the import JS File > Import	data source field triField1TX , triField2TX , and triField3TX . Like before, make sure the tri-proxy command prompt. (At any time, you can also run tri-deploy to push your updated view file to the server.) line at the top to import the Polymer element: import "/@polymer/paper-input/paper-input.js"; paper-input.
If you remember, we a relationship to each d is running in the comm First, add the import JS File > Import jay-uxbo-view.js 1 import {	<pre>data source field triField1TX, triField2TX, and triField3TX. Like before, make sure the tri-proxy command prompt. (At any time, you can also run tri-deploy to push your updated view file to the server.) line at the top to import the Polymer element: import "/@polymer/paper-input/paper-input.js"; paper-input. imixinBehaviors } from '/@polymer/polymer/lib/legacy/class.js';</pre>
If you remember, we a relationship to each d is running in the comm First, add the import JS File > Import jay-uxbo-view.js 1 import { 2 import {	<pre>data source field triField1TX, triField2TX, and triField3TX. Like before, make sure the tri-proxy command prompt. (At any time, you can also run tri-deploy to push your updated view file to the server.) line at the top to import the Polymer element: import "/@polymer/paper-input/paper-input. paper-input. mixinBehaviors } from '/@polymer/polymer/lib/legacy/class.js'; PolymerElement, html } from '/@polymer/polymer/polymer/polymer.</pre>
f you remember, we a relationship to each d s running in the comm First, add the import JS File > Import J3 jay-uxbo-view.js 1 import { 2 import { 3 import {	<pre>data source field triField1TX, triField2TX, and triField3TX. Like before, make sure the tri-proxy command prompt. (At any time, you can also run tri-deploy to push your updated view file to the server.) line at the top to import the Polymer element: import "/@polymer/paper-input/paper-input.js"; paper-input. imixinBehaviors } from '/@polymer/polymer/lib/legacy/class.js';</pre>

- import { TriPlatDs } from "../triplat-ds/triplat-ds.js"; import "../@polymer/paper-material/paper-material.js";
- import "../@polymer/paper-input/paper-input.js";

Next, add the <paper-input> tag to declare the element: <paper-input label="Field 1" floating-label value=""". {{data.triField1TX}}"></paper-input>

JS File > Declare paper-input.



Save the file and return to the UX view. Do you see your field? If you do, that's cool! Why not add a couple more paper-input> tags on your own?

UX App > Preview Starter View.

	Starter View for jay-uxbo-view Hello World! This is my 1st UX view! Field 1 Let me type something. Cool!
This time, we'll add the Polymer	n elements to your JS file. <
First, add the import line at the	top to import the Polymer element: import "/@polymer/paper-button/paper-button.js";
JS File > Import paper-b	itton.
<pre>2 import { Polymer 3 import { TriPlat behavior.js" 4 import { TriPlat 5 import "/@poly 6 import "/@poly</pre>	<pre>haviors } from '/@polymer/polymer/lib/legacy/class.js'; Element, html } from '/@polymer/polymer/polymer-element.js'; ViewBehavior } from "/triplat-view-behavior/triplat-view- ; Ds } from "/triplat-ds/triplat-ds.js"; mer/paper-material/paper-material.js"; mer/paper-input/paper-input.js"; mer/paper-button/paper-button.js";</pre>
Next, add the <paper-button></paper-button> t button> where raised adds a sl	ag to declare the Polymer element: <paper-button raised="">UX rocks!nadow.</paper-button>
JS File > Declare paper-k	outton.
r jay-uxbo-view.js ●	
28 29 <div< b=""></div<>	<pre>plat-ds name="jayUXBODataSource" data="{{data}}"> class="main"> <paper-material z="1"> Starter View for jay-uxbo-view Hello World! This is my 1st UX view!</paper-material></pre>

r	
jay-uxbo-view.js	•
26	
27	<triplat-ds data="{{data}}" name="jayUXBODataSource"></triplat-ds>
28	
29	<div class="main"></div>
30	<paper-material z="1"></paper-material>
31	Starter View for jay-uxbo-view
32	
33	Hello World! This is my 1st UX view!
34	
35	<paper-input floating-label="" label="Field 1" value="{{data.
triField1TX}}"></paper-input>
36	<pre><paper-input floating-label="" label="First Name" value="{{data .triField2TX}}"></paper-input></pre>
37	<pre><paper-input floating-label="" label="Last Name" value="{{data. triField3TX}}"></paper-input></pre>
38	
39	<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
40	
41	
42	`;
43 }	
44	
Save the file and retuon your own!	urn to the UX view. Do you see your button? If you do, feel free to add a couple more <paper-button> tags</paper-button>

UX App > Preview Starter View.

Starter View for jay-uxbo-view
Hello World! This is my 1st UX view!
Field 1

First Name	5	
Jay		
Last Name	9	
Manufa	cturer	
	UX rocks!	

With some creativity, you can try other Polymer **<paper-button>** attributes.

JS File > Declare paper-button.

jay-uxbo-view.js	
	lat-ds name="jayUXBODataSource" data="{{data}}">
	lass="main">
31	<pre>paper-material z="1"></pre>
32 33	Hello World! This is my 1st UX view!
34 35	<pre><paper-input floating-label="" label="Field 1" value="{{data.</pre></td></tr><tr><td>36</td><td><pre>triField1TX}}"></paper-input> <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>
37	<pre>.triField2TX}}"> <pre><pre><pre>conductory of the state of the s</pre></pre></pre></pre>
38	<pre>triField3TX}}"></pre>
39 40	<pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre>
	<pre><paper-button raised="">UX rocks!</paper-button></pre>
44 ;	
45 } 46	
ess what? We're done. As plan	ned, we built a simple 3-field 3-button application. Congratulations! You've built your first UX
<i>lication!</i> (If you want, you can a	also run tri-deploy to push your updated view file to the server.)
X App > Preview Starter	View.
	Hello World! This is my 1st UX view!
	Field 1
	Congratulations!
	First Name
	Jay
	Last Name Manufacturer
	Disabled
	Not raised
	UX rocks!
	UX TOCKS!
ill want more?	
	X that weren't answered in this article, feel free to reach out to your IBM TRIRIGA . Or if you want, I'll go ask the team.
·	Nex
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