Salesforce Lightning

Lesson 06: More on Lightning Components

Capgemini

Lesson Objectives

- Retrieving Data from standard Objects
- Debugging
- Page Layout
- Compact Layout
- Actions

Get Data from Salesforce Objects

Accessing Data from standard Salesforce objects

We can access data from standard Salesforce Objects like Opportunity

- Create an apex controller to access Opportunity records

Create a Component

```
<aura:component controller="OpportunityController">
    <aura:attribute name="opportunities" type="Opportunity[]"/>

    <ui:button label="Get Opportunities" press="{!c.getOpps}"/>
    <aura:iteration var="opportunity" items="{!v.opportunities}">
        <p>{!opportunity.Name} : {!opportunity.CloseDate}</p>
    </aura:iteration>
</aura:component>
```

Client Side Controller

```
({

    getOpps: function(cmp){

        var action = cmp.get("c.getOpportunities");

        action.setCallback(this, function(response){

            var state = response.getState();

            if (state === "SUCCESS") {

                cmp.set("v.opportunities", response.getReturnValue());

            }

        });

            $A.enqueueAction(action);

    }

})
```

Demo

Demo on UI Component

Debugging

Debugging Javascript code

You can debug client side controller
- To add breakpoints
- To view values

- Add breakpoint by adding following statement:

Debugger;

- To view values
- Hover our mouse cursor and you will get to see the values

Page Layout Elements

- Layouts in Lightning Experience
- Record page contents can be customized using
  - Page Layout
  - Compact Layout

Page Layout

- Highlights panel contains key record fields
- This part of record page can't be customized using the page layout editor
- They can be customized using compact layout
- Page Layout elements supported in Lightning Experience:
    - Actions
    - Blank spaces
    - Custom Links
    - Fields
    - Related lists
    - Report Charts
    - Sections
    - Standard and Custom Buttons (Custom buttons that call Javascript are not supported)
    - Visualforce pages

Compact Layout

- Compact Layout displaying a record's key fields in the highlights panel of a record page
- They can also be used in activity timeline and expanded lookup cards
- compact layout lets you put the most important fields where your users can easily see them

Actions

Actions enable users to do more in Salesforce, such as create or update records and log calls

- Types of actions:
  - Global
  - Object Specific Quick Actions
- Actions display in :
  - Header
  - On related lists
  - On list view item
  - On record page based on action type

Demo

Basics

Summary

Process to access data from standard objects

Page Layout and Compact Layouts

Debugging using debugger statement

Action are of different types – Global and object specific

Summary

About Capgemini

With more than 190,000 people, Capgemini is present in over 40 countries and celebrates its 50th Anniversary year in 2017. A global leader in consulting, technology and outsourcing services, the Group reported 2016 global revenues of EUR 12.5 billion. Together with its clients, Capgemini creates and delivers business, technology and digital solutions that fit their needs, enabling them to achieve innovation and competitiveness. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model.

Learn more about us at

www.capgemini.com

People matter, results count.