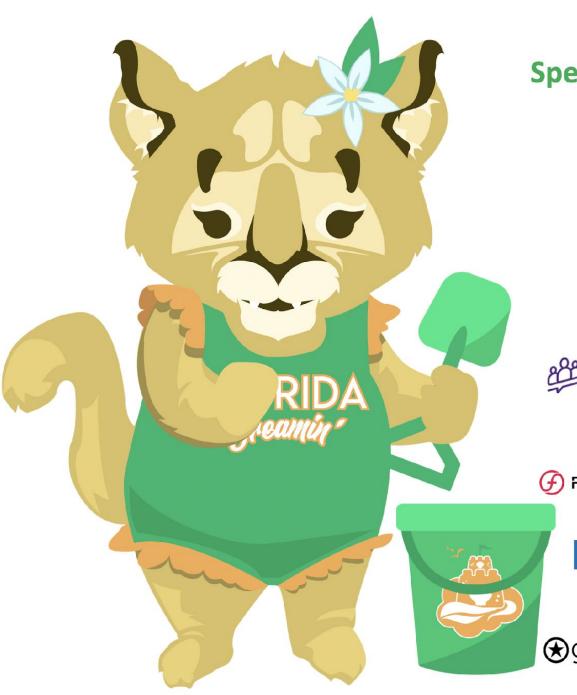


What the Component





Special Thanks to Our Platinum and Gold Sponsors

























★getfeedback



Who is this?

and other interesting facts







phillip@clicks2code.com @phil7s





Salesforce Certified

Agenda



September 13

What the Component

10:40 AM - 11:20 AM, Codey Theatre

Lightning Components made easy with Lightning Data Service and Base Components

11:30 AM - 12:10 PM, Codey Theatre



Agenda



- → What is a component.
- → What it means in Salesforce.
- → We've had it before!
- → Aura / Web...what the heck?
- → Where we can use them.

What is a component...



a part or element of a larger whole.....

What is a component...



Visualforce Component
Visualforce Standard Component
Dashboard Component
Lightning Component
Lightning Aura Component
Lightning Web Component
Base Lightning Component
Standard Lightning Component
Standard Lightning Page Component

What is a component...



Dashboard Component

Standard Lightning Page Component

Visualforce Component

Visualforce Standard Component

Lightning Aura Component

Lightning Web Component

Base Lightning Component



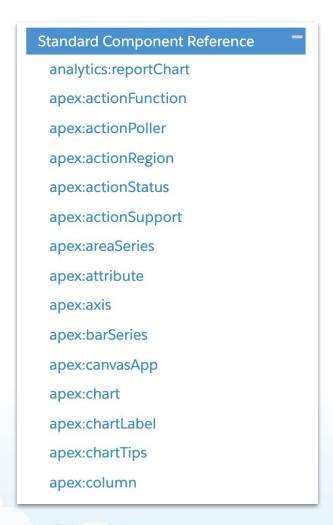
What the component.....

Visualforce

```
| HelloWorldComponent.vfc | HelloWorldPage.vfp | He
```

What the component.....

Visualforce Standard Components



What the component.....

Visualforce Standard Components

Contacts		
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Wait...Aura Web what?

Lightning Component

	Aura	Web
Introduced	Dreamforce '13	Spring '19
Tooling	Developer Console and multiple IDE's	VS Code
Base Components	Yes	Yes
Data Service	Yes	Yes
Open Source	Yes	Yes
Web Standards	Some	Many

Wait...Aura Web what?

2014 Web Stack

Data services
UI components
Component model
Templates
Rendering optimization
Modules
Language extensions

Frameworks

ECMAScript 5
Events
Standard Elements
Rendering

Web Standards



CaseDetailsAuraComponent >>>			
Ctrl + Shift + 1	COMPONENT		
Ctrl + Shift + 2	CONTROLLER		
Ctrl + Shift + 3	HELPER		
Ctrl + Shift + 4	STYLE		
Ctrl + Shift + 5	DOCUMENTATION		
Ctrl + Shift + 6	RENDERER		
Ctrl + Shift + 7	DESIGN		
Ctrl + Shift + 8	SVG		
Bundle Version Settings			

- ∨ CaseDetailsAuraComponent
 - CaseDetailsAuraComponent.auradoc
 - CaseDetailsAuraComponent.cmp
- CaseDetailsAuraComponent.cmp-meta.xml
- # CaseDetailsAuraComponent.css
- CaseDetailsAuraComponent.design
- CaseDetailsAuraComponent.svg
- JS CaseDetailsAuraComponentController.js
- JS CaseDetailsAuraComponentHelper.js
- JS CaseDetailsAuraComponentRenderer.js

Wait...Aura Web what?

Today

Security
Lightning Data Service
Base Lightning Components

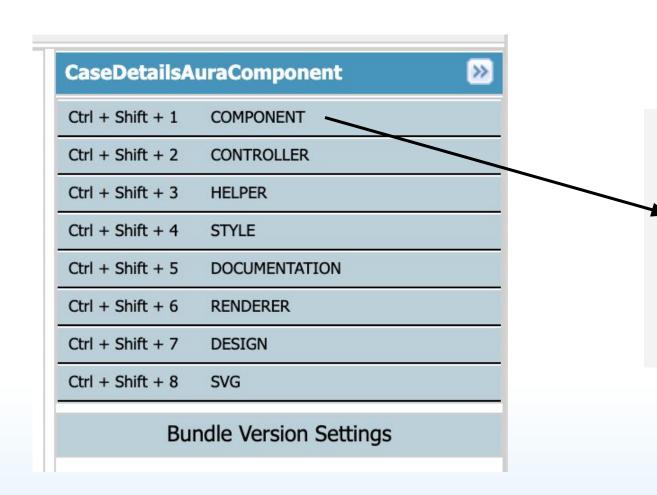
Lightning
Web Components

Web Components
Templates
Custom elements
Shadow DOM
Decorators
Modules
ECMAScript 7
Events
Standard Elements
Rendering

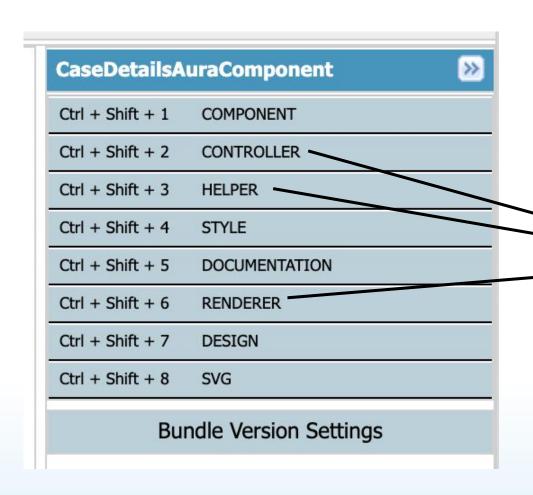
Web Standards



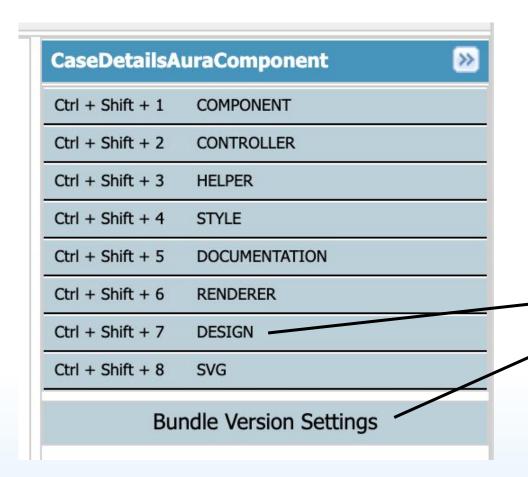
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 - Js caseDetailsWebComponent.js
 - caseDetailsWebComponent.js-meta.xml
 - caseDetailsWebComponent.svg



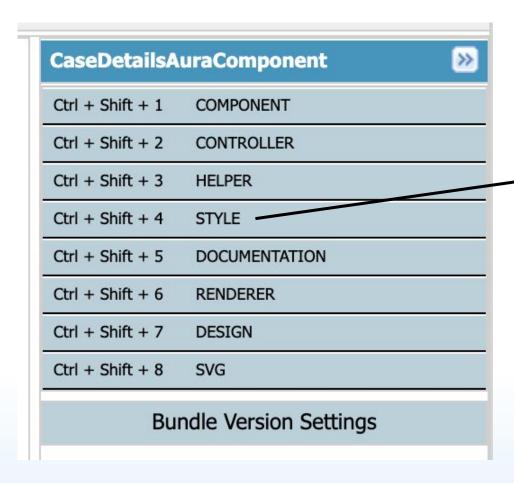
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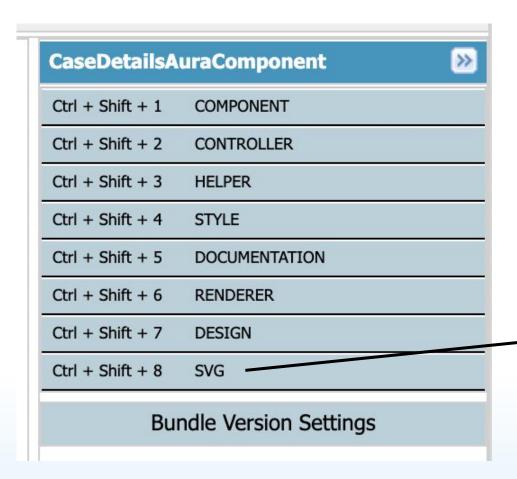
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 - caseDetailsWebComponent.html
 - Js caseDetailsWebComponent.js
 - caseDetailsWebComponent.js-meta.xml
- caseDetailsWebComponent.svg

```
<aura:component implements="flexipage:availableForRecordHome,force:hasRecordId">
        <aura:attribute
            name="casefields" type="String[]"
            default="CaseNumber, Subject, AccountId, OwnerId, Description"/>
    <lightning:recordForm</pre>
        recordId="{!v.recordId}"
        objectApiName="Case"
        fields="{!v.casefields}"
        columns="1"
        mode="readonly"
</aura:component>
```



```
import { LightningElement, api } from 'lwc';
import CASENUMBER_FIELD from '@salesforce/schema/Case.CaseNumber';
import SUBJECT_FIELD from '@salesforce/schema/Case.Subject';
import ACCOUNT_FIELD from '@salesforce/schema/Case.AccountId';
import OWNER_FIELD from '@salesforce/schema/Case.OwnerId';
import DESC_FIELD from '@salesforce/schema/Case.Description';
export default class caseDetailsWebComponent extends LightningElement {
   @api recordId;
   @api objectApiName;
    fields = [CASENUMBER_FIELD,SUBJECT_FIELD,ACCOUNT_FIELD,OWNER_FIELD,DESC_FIELD];
```

<u>Aura</u> Web Case Number 00001025 Subject Motor design hindering performance Account ID United Oil & Gas Corp. Owner ID Phillip Southern Description

<u>Web</u> Aura Case Number 00001025 Subject Motor design hindering performance Account ID United Oil & Gas Corp. Owner ID Phillip Southern Description

Where can we use?



Dashboard Component

Standard Lightning Page Component

Visualforce Component

Visualforce Standard Component

Lightning Aura Component

Lightning Web Component

Base Lightning Component



Where can we use?



A couple edge cases

Salesforce Mobile

Mobile Cards (Salesforce mobile only)

EL Contact Name

EL Account Name

PDF

<apex:page renderAs="pdf">

Resources

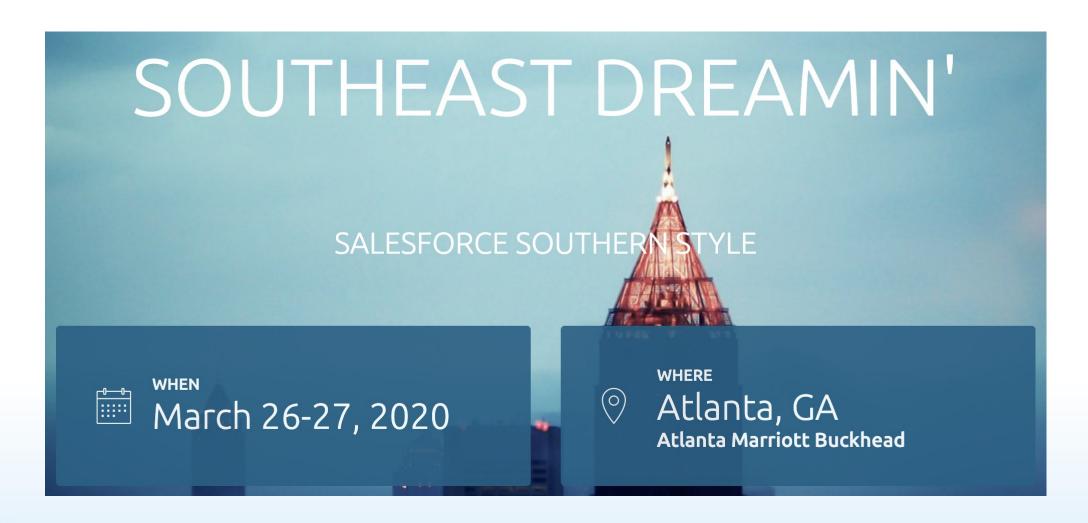
https://developer.salesforce.com/docs/component-library/overview/components

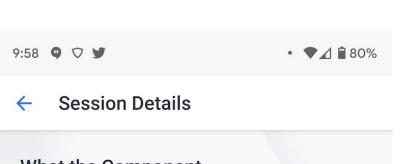
https://github.com/trailheadapps/lwc-recipes

https://trailhead.salesforce.com/content/learn/modules/lightning-web-components-basics

#SED2020

southeastdreamin.com





What the Component

September 13, 10:40 AM - 11:20 AM

Codey Theatre



DESCRIPTION

In a Salesforce world of Standard Components, Base Components, Lightning Aura Components, and now Lightning Web Components, where do you start? What are the actual differences between them and which do you need to tackle what you are up against? We will talk Show More

SPEAKERS



Phillip Southern
Founder
clicks 2 code







