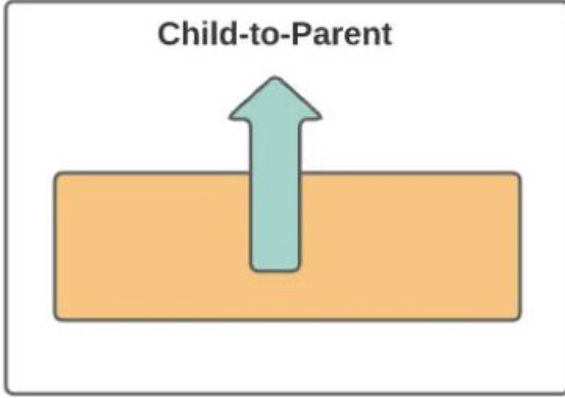


Components Communication

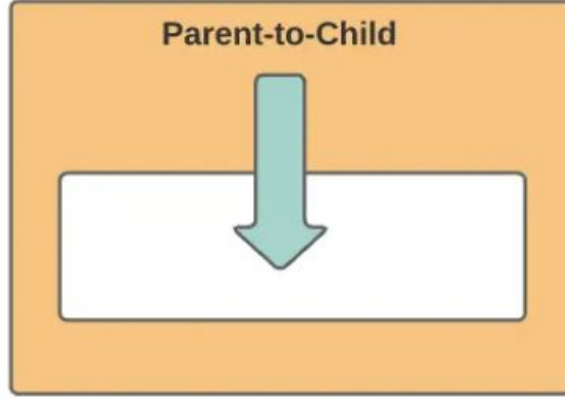
Communication Types

Child-to-Parent



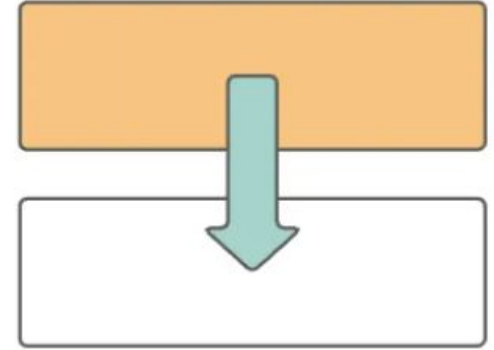
Use events

Parent-to-Child



Use @api decorator

Unrelated Components



Use PubSub events

Working with Salesforce Data

1



Uses lightning **wire** data service (@wire) and call APEX method

2



- **Lightning-record-edit-form** ⇒ Displays an editable form.
- **Lightning-record-view-form** ⇒ Displays a read-only form.
- **Lightning-record-form** ⇒ Supports edit, view, and read-only modes

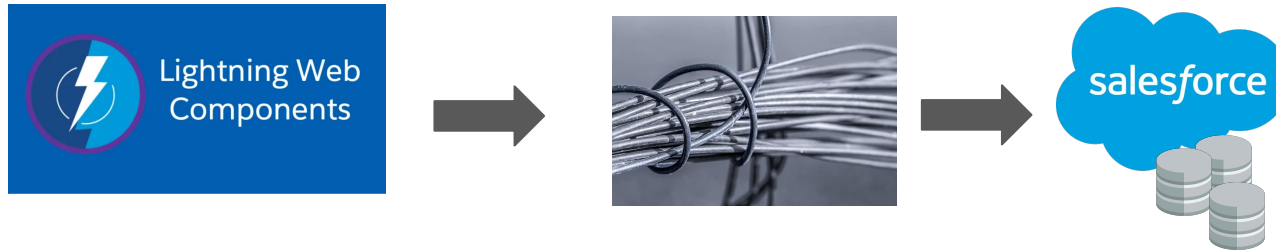
Uses **lightning base components**

3



Uses wire service with **lightning base components**

Working with Salesforce Data



To accessing Salesforce data, Lightning web components uses wire service (@wire)

```
import apexMethodName from '@salesforce/apex/Namespace.Classname.apexMethodReference';  
@wire(apexMethodName, { apexMethodParams })  
propertyOrFunction;
```

Steps to remember:

1. Use wire decorator in import function
2. Use APEX class method for interacting with SF data
3. Define APEX Method that is
 - a. public static or global static
 - b. use @AuraEnabled(cacheable = true)
4. Results returned by APEX method can be assigned to
 - a. Property Or
 - b. Function
5. Use object for passing data to APEX method
6. Wire service provisions the list of contacts to the **data** property, or returns an error to the **error** property

Working with Salesforce Data_(using base components)

- **lightning-record-*-form** base components are the easiest way to work with records
- Provides OOB UI to view, create, and edit records—similar to the record detail page in Salesforce



Note: To create a custom UI, [use a wire adapter](#).



- **Lightning-record-edit-form** ⇒ Displays an editable form.
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FEATURE	LIGHTNING-RECORD-FORM	LIGHTNING-RECORD-VIEW-FORM	LIGHTNING-RECORD-EDIT-FORM
Create Records	✓		✓
Edit Records	✓		✓
View Records	✓	✓	
Read-Only Mode	✓	✓	
Layout Types	✓		
Multi Column Layout	✓	✓	✓
Custom Layout for Fields		✓	✓
Custom Rendering of Record Data		✓	✓

Working with Salesforce Data_(using base components)

Steps to remember:

1. Decide on base component to use
2. Specify
 - a. Layout type
 - b. Fields
 - c. Mode