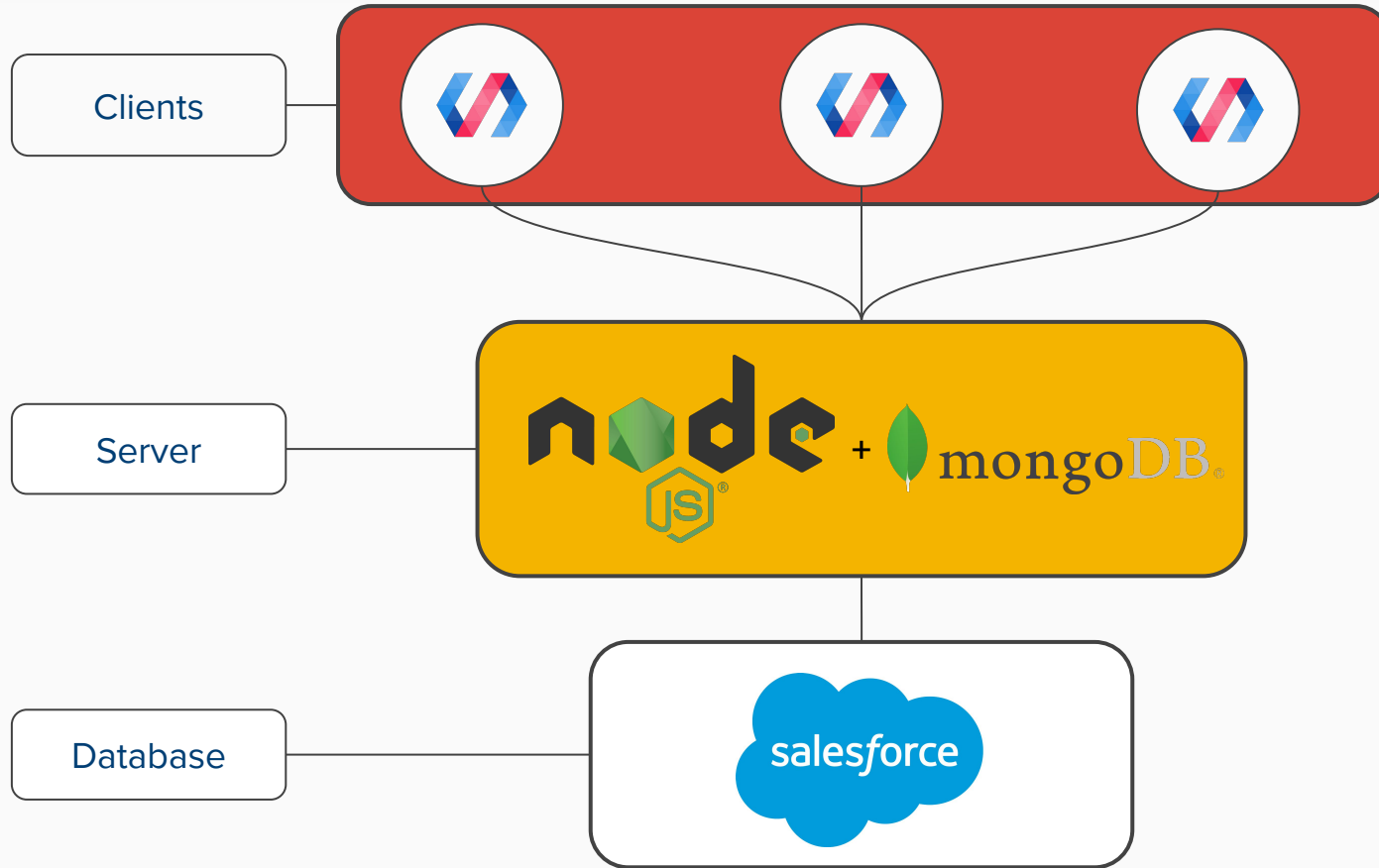


Customer Onboarding Portal - Technical Presentation



System Architecture

System Architecture - Overview



Client Side

Front-End: What is Polymer?



=

- Offers a simplified way of creating custom HTML elements (think <p>)
- Two-way data binding
- Conditional and repeat templates
- Library of elements
- Fresh and modern material design

Custom Elements



Data Binding

value = "{{contact.FirstName}}"

```
contact = {  
  FirstName: Donald,  
  LastName: Glover,  
  Title: Artist,  
  Phone: 111-111-1111,  
  Mobile: 111-111-1111,  
  Email: childish@gambino.com  
}
```

Donald Glover

First Name

Donald

Last Name

Glover

Title

Artist

Phone

+1 111-111-1111

Mobile

+1 111-111-1111

Email

childish@gambino.com

Is Donald a Primary Site Contact?

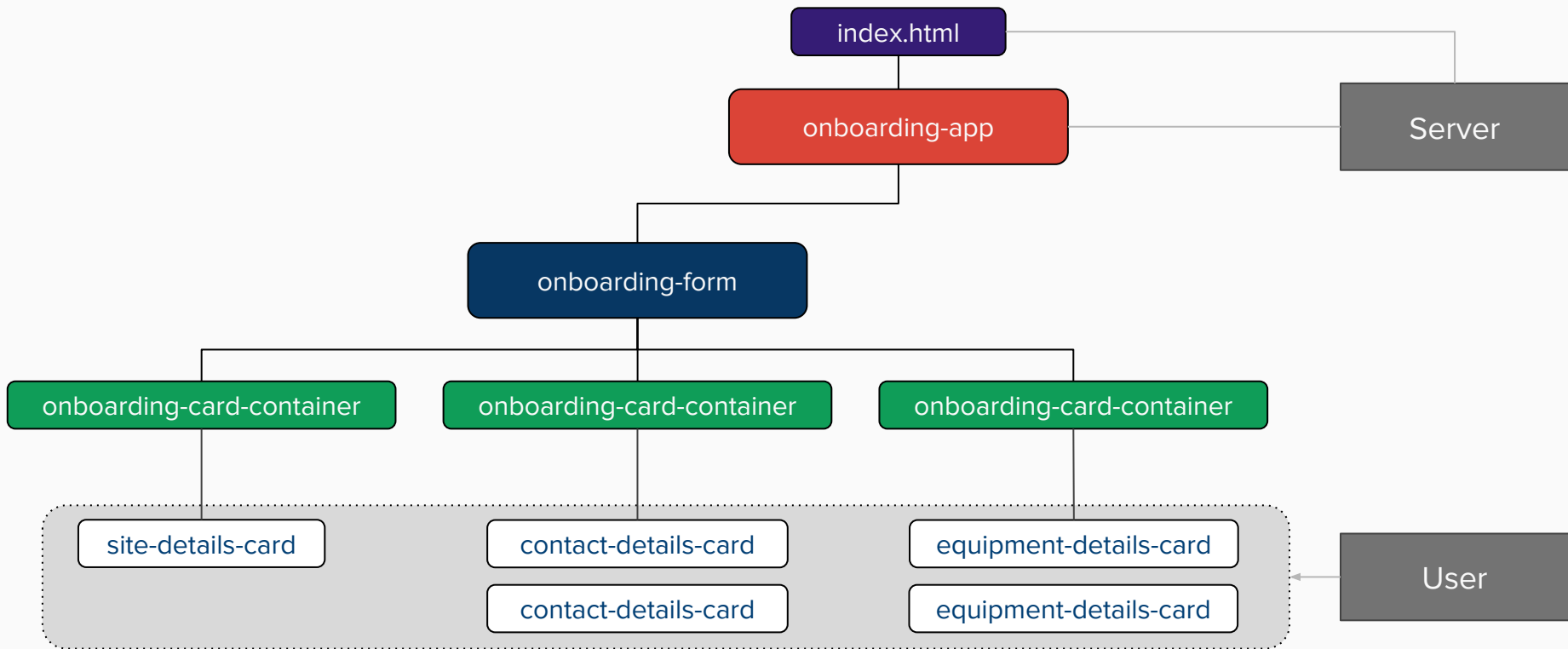
☒ Primary

How should Donald be notified of a D.R. Event?

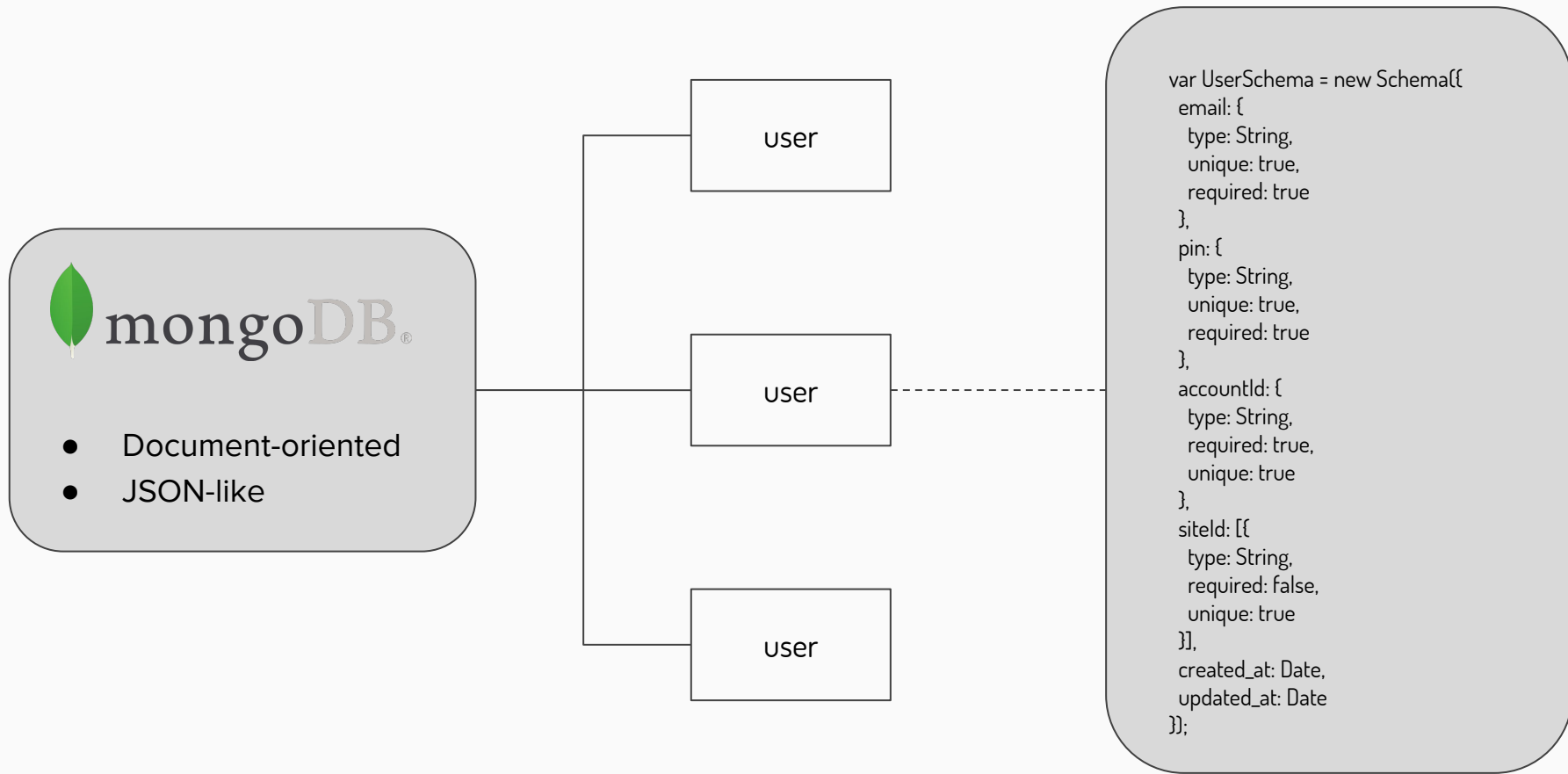
☒ Home ☐ Mobile ☐ Text ☒ Email

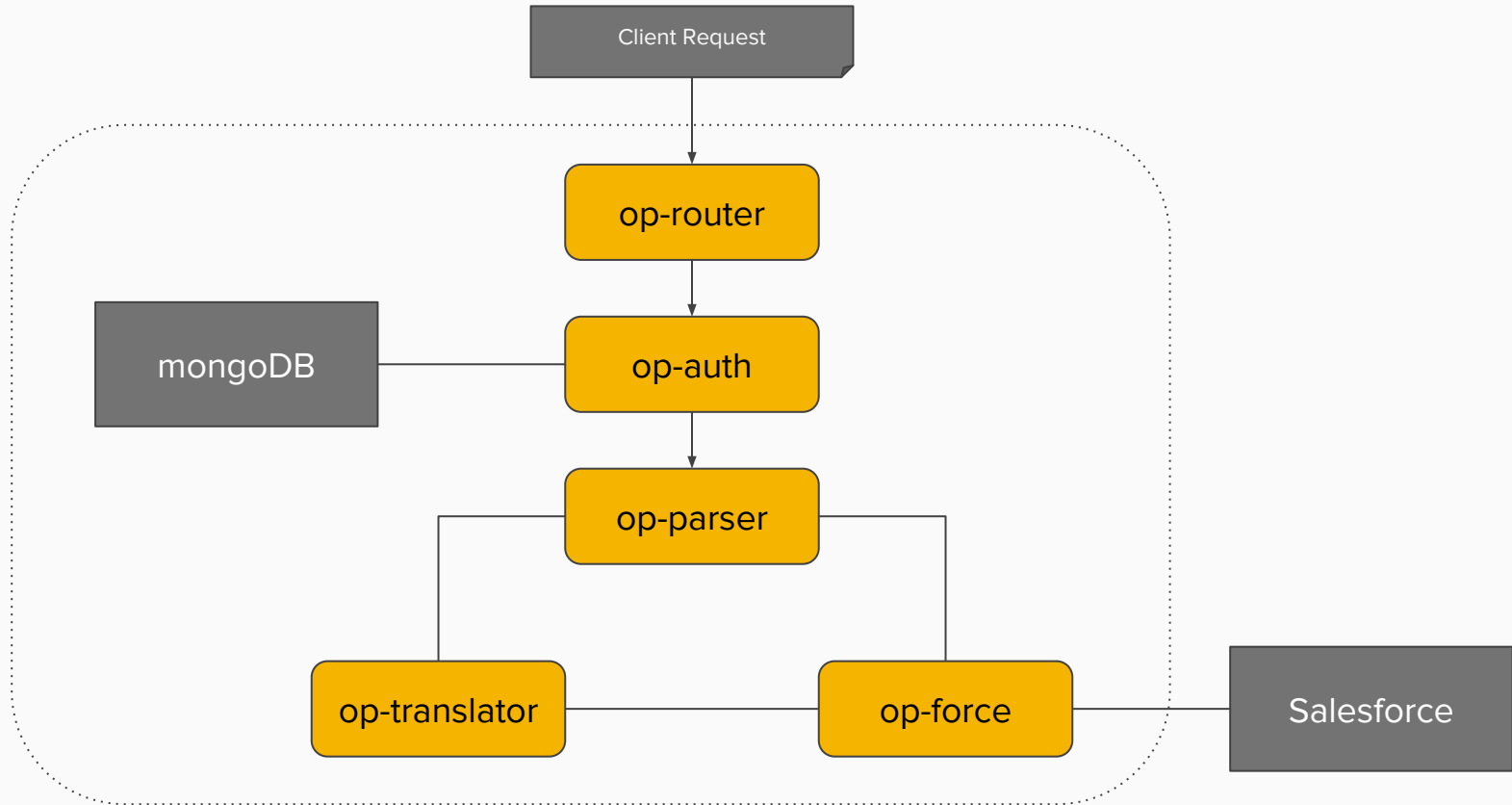


Front-End: Architecture



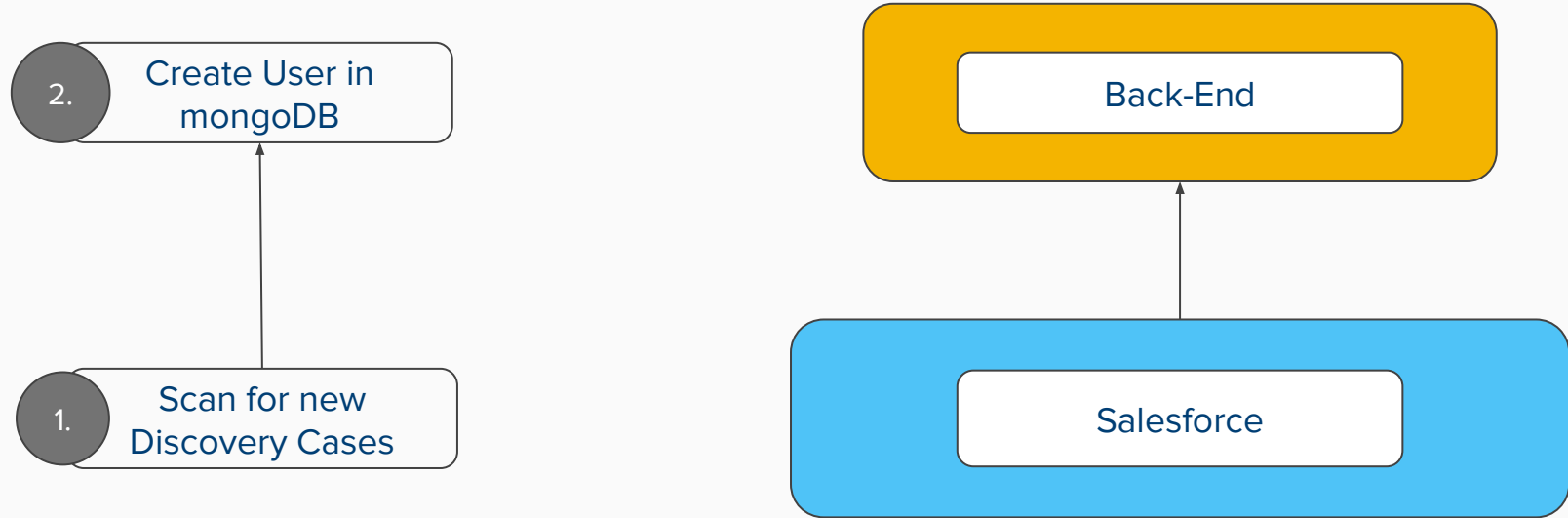
Server Side



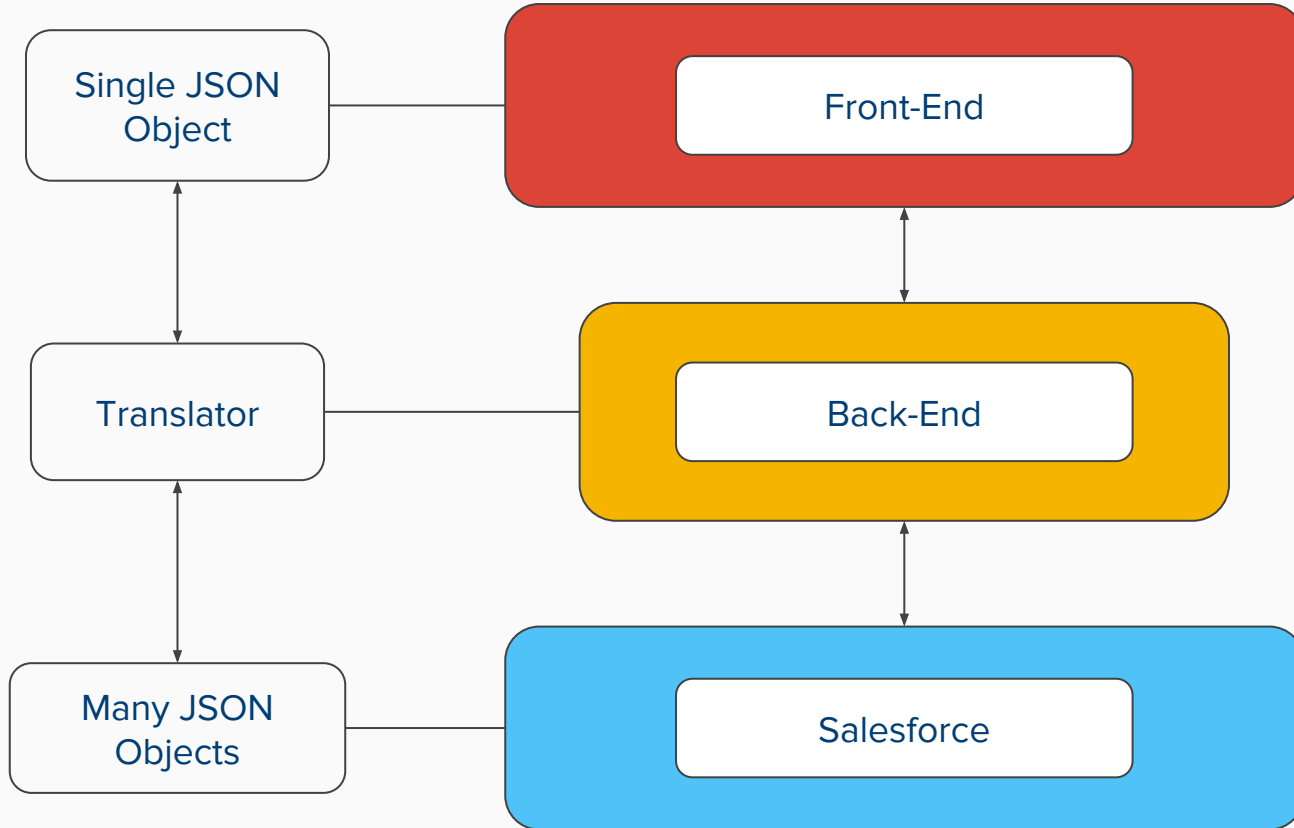


Data Flow

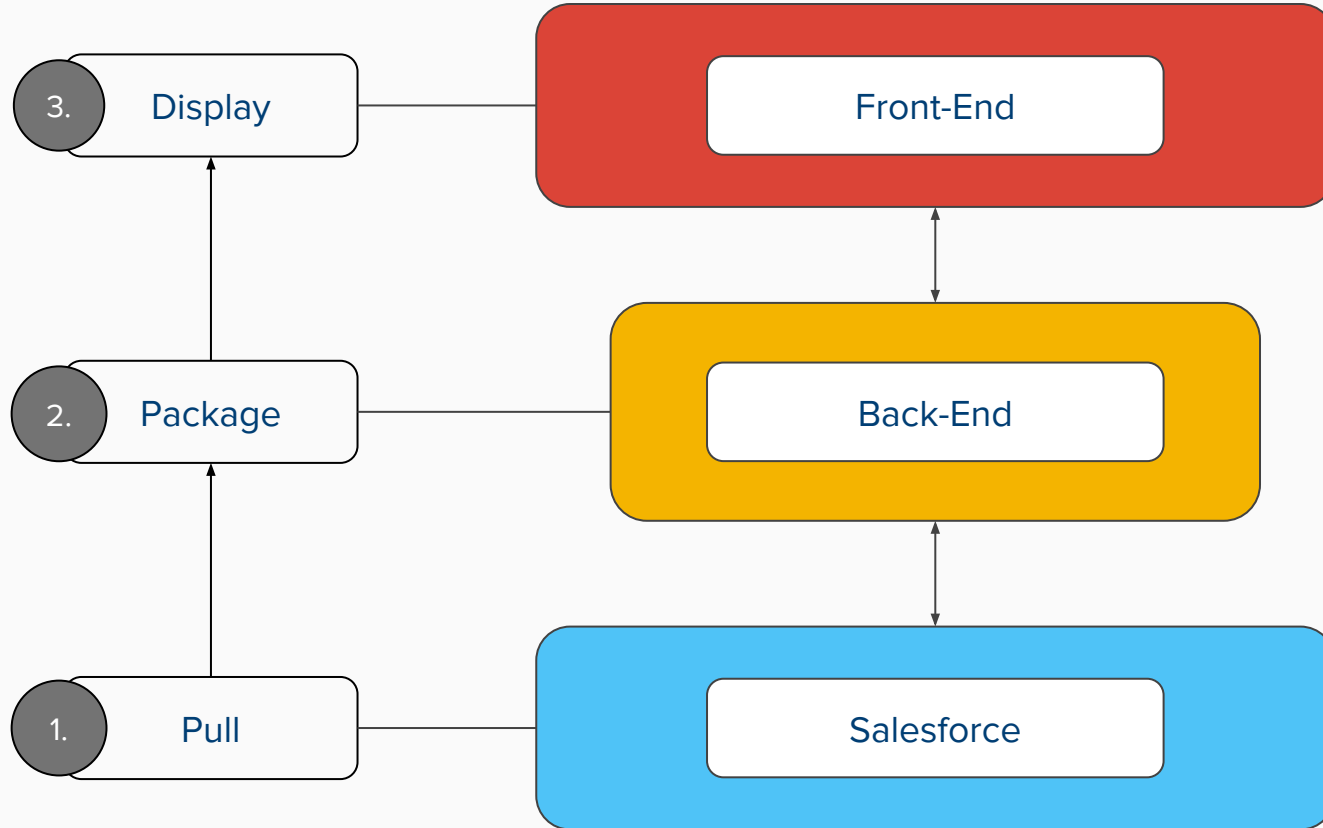
Data Flow - User Creation



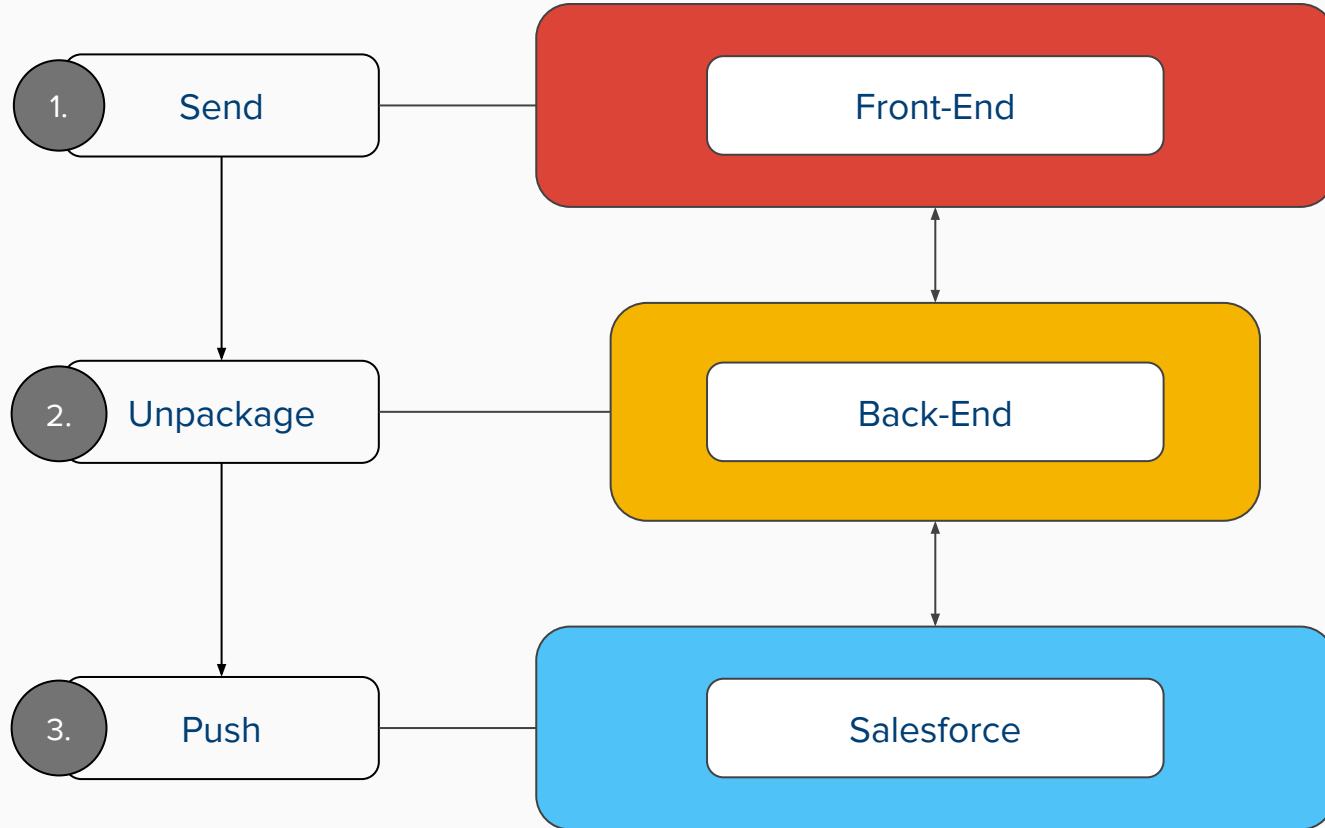
Data Flow - Overview



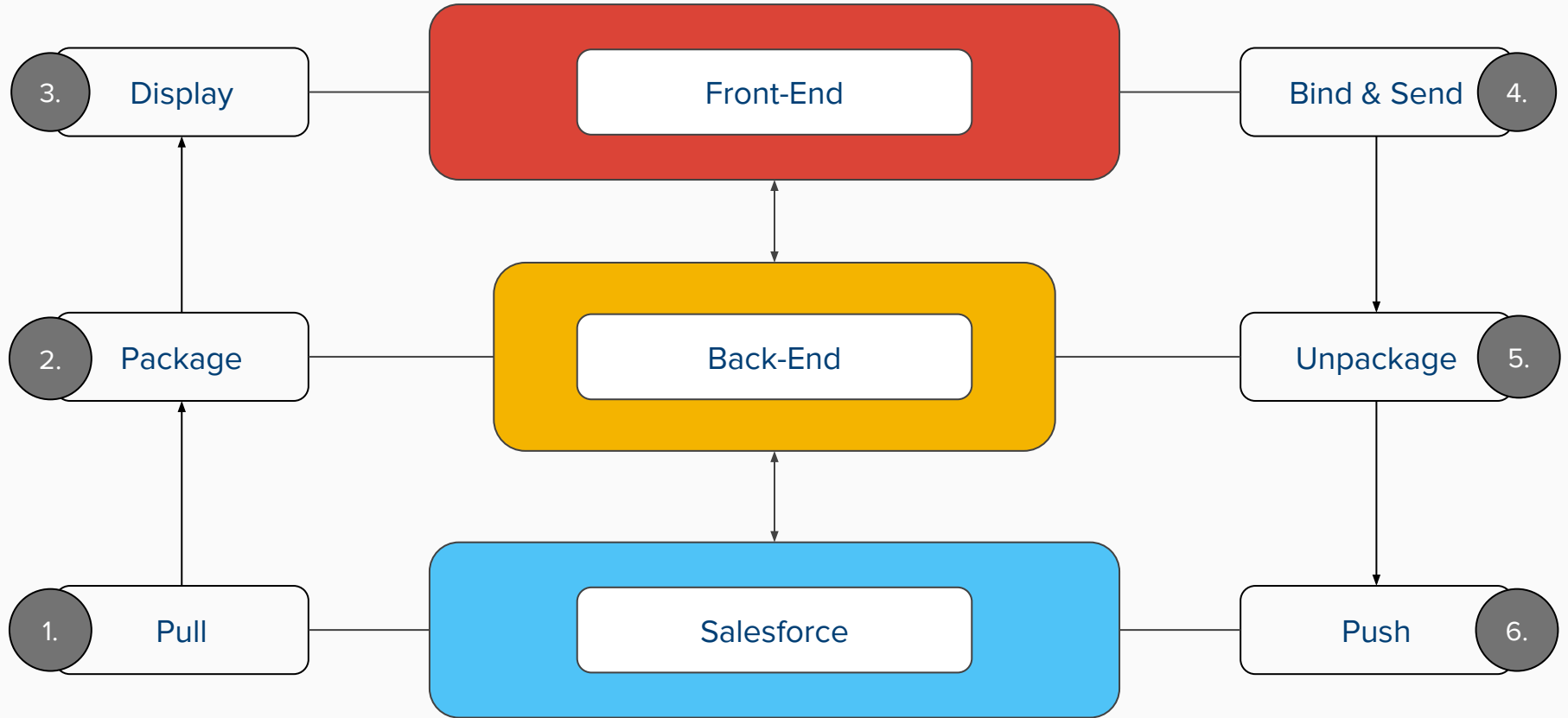
Data Flow - Pull



Data Flow - Push

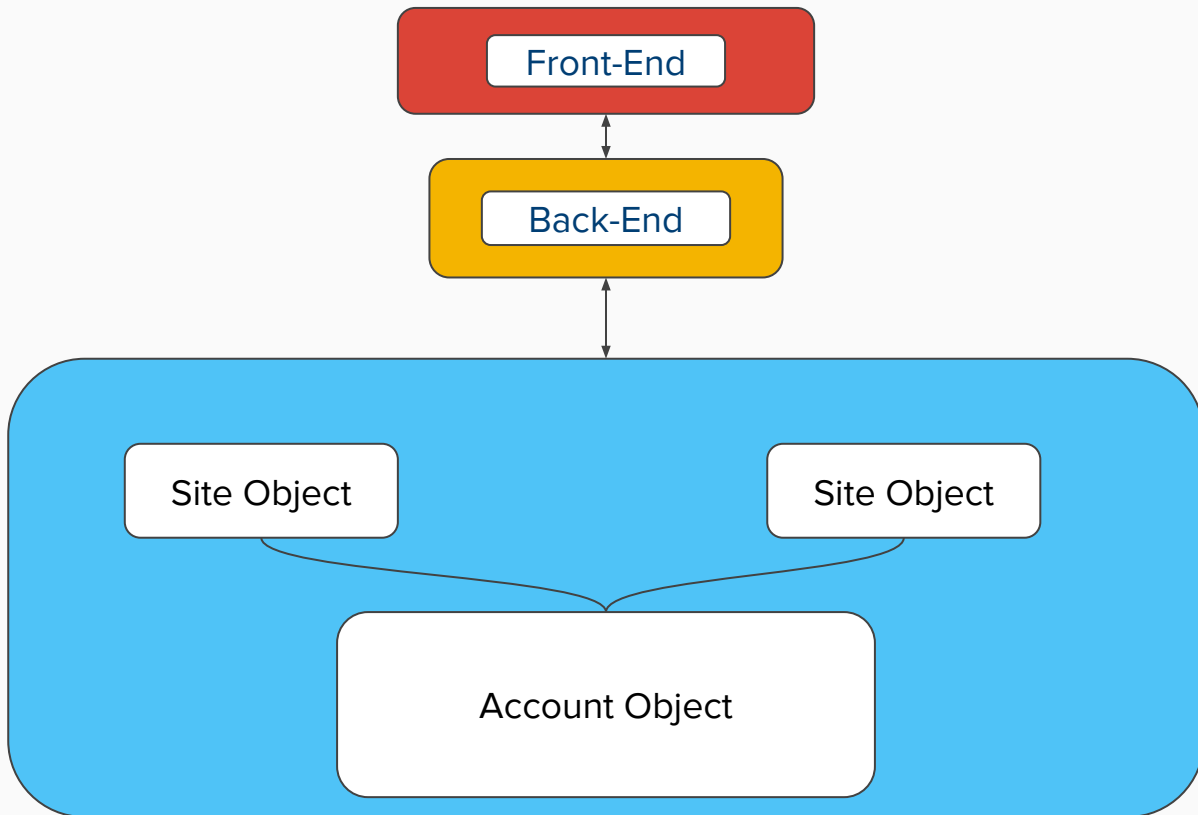


Data Flow - Full

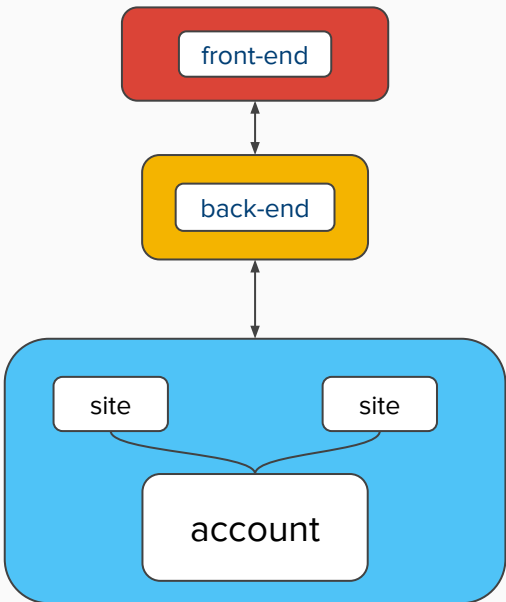


Salesforce Object Details

Data Flow - Salesforce

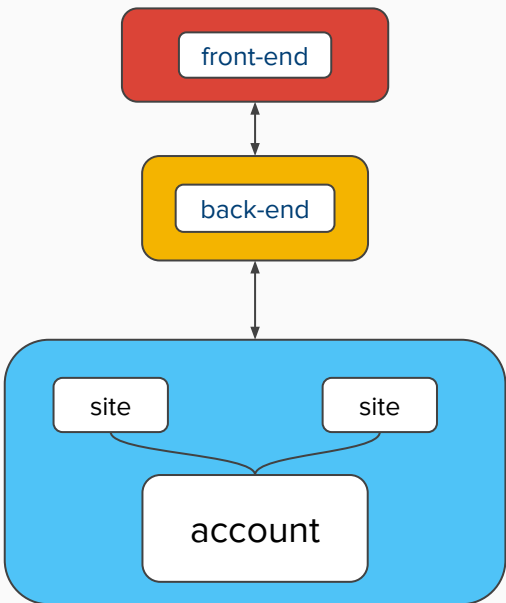


Data Flow - Pull



Object Name	Select	Include	Where
Account	Name	Contacts	{ Id : account Id }
Site__c	Id, Name, Address_Line_1__c, Address_Line_2__c, Zip__c, Account__c, Country__c	Site_Contact_Roles__r, Equipment__r, Registrations__r	{ Id : { \$in : sitelds }
Contact	Id, FirstName, LastName, Title, MobilePhone, HomePhone, Email, MailingCountry, AccountId, Home_Phone_Escalation__c, Mobile_Escalation__c, SMS_Escalation__c, Email_Escalation__c	-	-
Contact_Role__c	Id, Contact__c, Contact_ID__c, Email__c, Name, Primary__c, Role__c	-	-
Registration	[tbd]	-	-
Equipment	[tbd]	-	-

Data Flow - Push



Object Name	Input Type	Validations	Create	Update	Delete
Account	None	n/a	N	N	N
Site__c	fields, dropdown	zip , dropdowns	N	Y	N
Contact	fields	phone, email	Y	Y	N
Contact_Role__c	checkboxes	[tbd]	Y	Y	Y
Registration	fields, dropdowns, checkboxes	[tbd]	[tbd]	[tbd]	[tbd]
Equipment	fields, dropdowns, checkboxes	[tbd]	[tbd]	[tbd]	[tbd]