



CODEY LABS

BYOB - Field Label Override

User Guide

This guide provides a step-by-step walkthrough for setting up, configuring, and using the **Field Label Overrider** component, part of the **Build Your Own Branding (BYOB)** solution.

This component allows you to **dynamically change field labels on a record page** based on specific criteria, such as a contact's country.

Let's first understand its usage by an example scenario

In large-scale Sales Cloud implementations, a company often has one global **Account** or **Contact** object. However, the legal definition of an "ID Number" of a contact changes drastically by country, but the *purpose* (uniquely identifying a tax entity) remains identical.

The Setup

For instance you have one custom field: **National_ID__c** on **Contact**.

The Dynamic Challenge

Instead of creating 50 different fields for 50 countries, **Codeylab's "Field Label Override"** allows you to maintain one single data point while the UI adapts instantly based on the **Mailing Country** field.

If Billing Country is...	Field Label Dynamically Becomes...
USA	SSN / EIN
Brazil	CPF / CNPJ
India	PAN / GSTIN
UK / Europe	VAT Number
Australia	ABN (Aust. Business Number)

The "Before vs. After" Architecture

The "Painful" Standard Way (Without BYOB - Field Label Overrider)

To achieve this natively, an admin would have to:

1. Create **50+ Custom Fields** (e.g., **SSN__c**, **VAT__c**, **CPF__c**).
2. Create **50+ Visibility Rules** on the Lightning Record Page.
3. Build **Complex Formulas** to merge all 50 fields into one "Master ID" for reporting.
4. Manage **Massive Page Layouts** that are difficult to maintain.

Your "Field Label Overrider" Way

1. **One Field:** You only manage **National_ID__c**.
2. **One Column:** Your database remains lean, and Global Reporting is instant.
3. **Dynamic UI:** The label transforms based on the **MailingCountry** value.

The following pages demonstrate how to use a single custom field, such as **National_ID__c**, and dynamically change its label on the record page based on the contact's country.

Phase 1: Initial Setup and Configuration

Before using the component, you must ensure the package is active and the system settings are defined.

1. **Verify Installation:** Navigate to **Installed Packages** in Setup and confirm that the **"Build Your Own Branding"** package is installed and **Active**.

The screenshot shows the Salesforce Setup interface. On the left is a navigation menu with options like 'Setup Home', 'Salesforce Foundations', 'Service Setup Assistant', etc. The main content area is titled 'Installed Packages'. It contains a table of installed packages. The 'Build Your Own Branding' package is highlighted with a red box. A red arrow points to the 'Active' status of this package. A red text annotation says: 'Make sure that you have "Build Your Own Branding" package is installed and is Active'.

Package Name	Version	Package ID	Status	License	Record Count	Expiration Date
Feedback360	2.23	pscsmt	Active	Unlimited	0	Does not Expire
Agile Manager	1.3	agilemgr	Active	Unlimited	0	Does not Expire
Build Your Own Branding	1.21	pscbyb	Active	Unlimited	0	Does not Expire
DRTE	5.134.9	pscdnyrichtext	Active	Unlimited	0	Does not Expire
DRTE Extension	1.31	drt_ext	Active	Unlimited	0	Does not Expire
Journey Map Builder	1.6	psqjmb	Active	Unlimited	0	Does not Expire
Custom Report Chart	1.5	psccrc	Active	Unlimited	0	Does not Expire


2. **Access Custom Settings:** Go to **Custom Settings** in Setup, locate the setting named **Byob Elements**, and click **Manage**.

The screenshot shows the Salesforce Setup interface for 'Custom Settings'. A red arrow points to the 'Manage' button for the 'Byob Elements' custom setting. A red text annotation says: 'Next go to custom settings and notice, a setting called Byob Elements and Hit "Manage"'.

Action	Label	Visibility	Settings Type	Namespace Prefix	Description	Record Size	Number of Records	Total Size
Manage	Byob Elements	Public	Hierarchy	pscbyb	Details of Byob Elements	610	1	610

3. **Define Organization Level Values:** Create a new **organization-level value** (applicable to all users). You must define the following fields exactly as shown:

- **PSC_normalViewElement:** `windowViewMode-normal`.
- **PSC_consoleViewElement:** `windowViewMode-maximized`.
- Once saved, the BYOB components are ready for use on record pages.


SETUP
Custom Settings

After this step, BYOB components are ready to use on record pages

Custom Setting

Byob Element

Create a new organization level value (for all users) and define value for PSC_normalViewElement and PSC_consoleViewElement field exactly as defined

Help for this Page

If the custom setting is a hierarchy, you can add data for the user, profile, or organization level. For example, you may want different values to display depending on whether a specific user is running the app, a specific profile, or just a general user.

country codes, each set might include the country's name and dialing code.

▼ Default Organization Level Value

Location

quodextestdrive

PSC_consoleViewElement

PSC_normalViewElement

windowViewMode-normal

windowViewMode-maximized

Edit

Delete

View: All

Create New View

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

Other

All

New

Setup Owner *

No records to display.

Location

Phase 2: Identifying API Names

Let say we have this custom field National ID to store Tax Id for a contact.

If Billing Country is... National ID Field Label Dynamically Becomes...

- USA -> SSN / EIN
- Brazil -> CPF / CNPJ
- India -> PAN / GSTIN
- UK / Europe -> VAT Number
- Australia -> ABN (Aust. Business Number)

National ID


To override a field label, you need the exact API names for both the object and the field.

1. **Find Object API Name:** In the **Object Manager**, locate the desired object (e.g., "Contact") and note its **API Name**.








Grab the Object API name from Object Manager from Setup. Like in this use case 'Contact'.

API Name: Contact

2. **Find Field API Name:** Under the object's **Fields & Relationships** section, find the specific field you wish to override (e.g., "National ID") and grab its **Field API Name** (e.g., `National_ID__c`).



Search Setup



Setup

Home

Object Manager

SETUP > OBJECT MANAGER

Contact

Details

Fields & Relationships

Page Layouts

Lightning Record Pages

Buttons, Links, and Actions

Compact Layouts

Field Sets

Object Limits

Record Types

Related Lookup Filters

Search Layouts

List View Button Layout

Hierarchy Columns

Fields & Relationships

37 Items, Sorted by Field Label

Quick Find

New

Deleted Fields

Field Dependencies

Set History Tracking

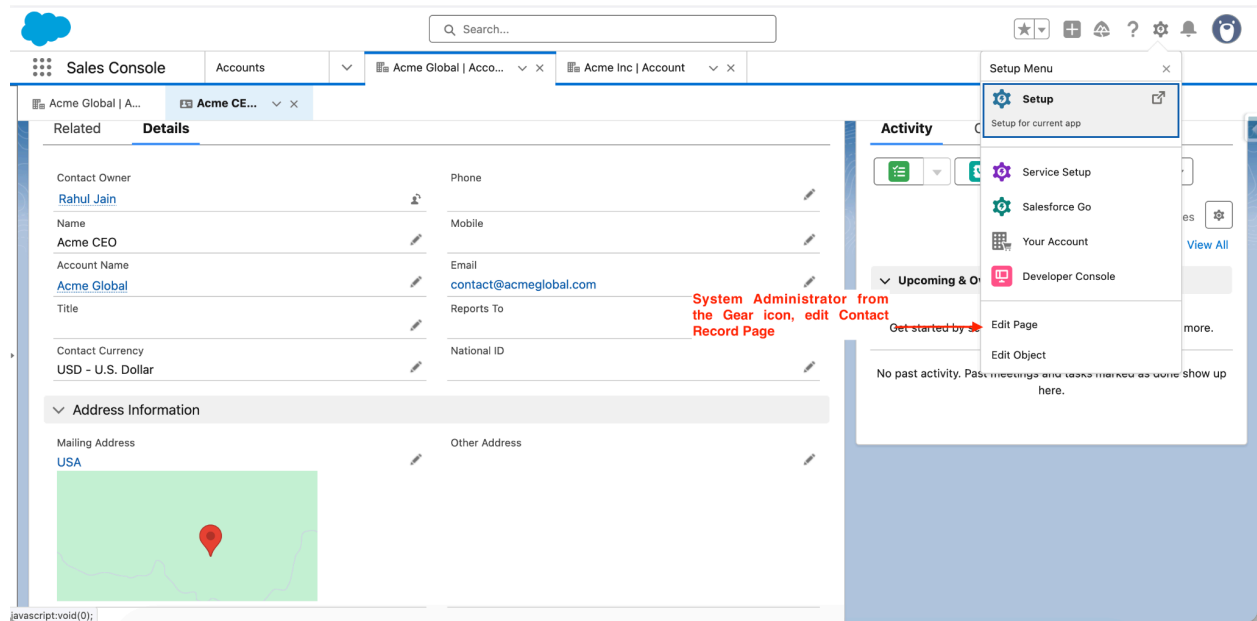
Salutation	Salutation	Picklist	
First Name	FirstName	Text(40)	
Last Name	LastName	Text(80)	
National ID	National_ID__c	Text(255)	
Other Address	OtherAddress	Address	
Other Phone	OtherPhone	Phone	
Phone	Phone	Phone	
Pronouns	Pronouns	Picklist	
Reports To	ReportsToId	Lookup(Contact)	
Title	Title	Text(128)	

Grab the custom field Api Name from Fields and Relationship,
in this use case National_ID__c

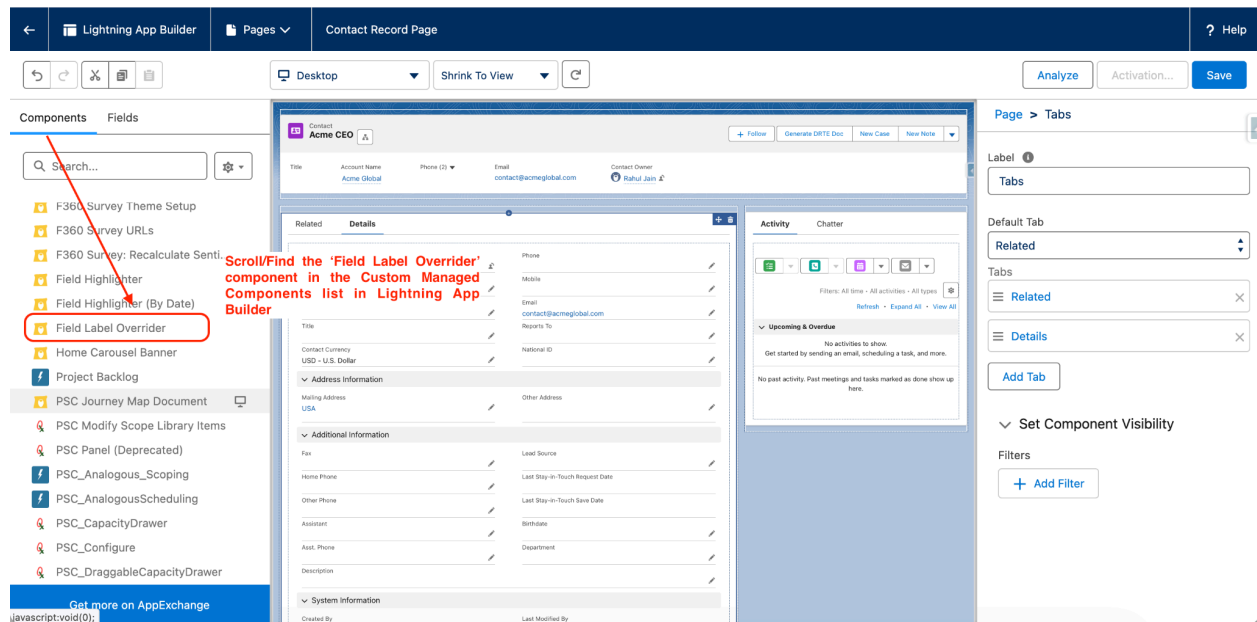
Phase 3: Configuring the Field Label Override

This process takes place within the Lightning App Builder.

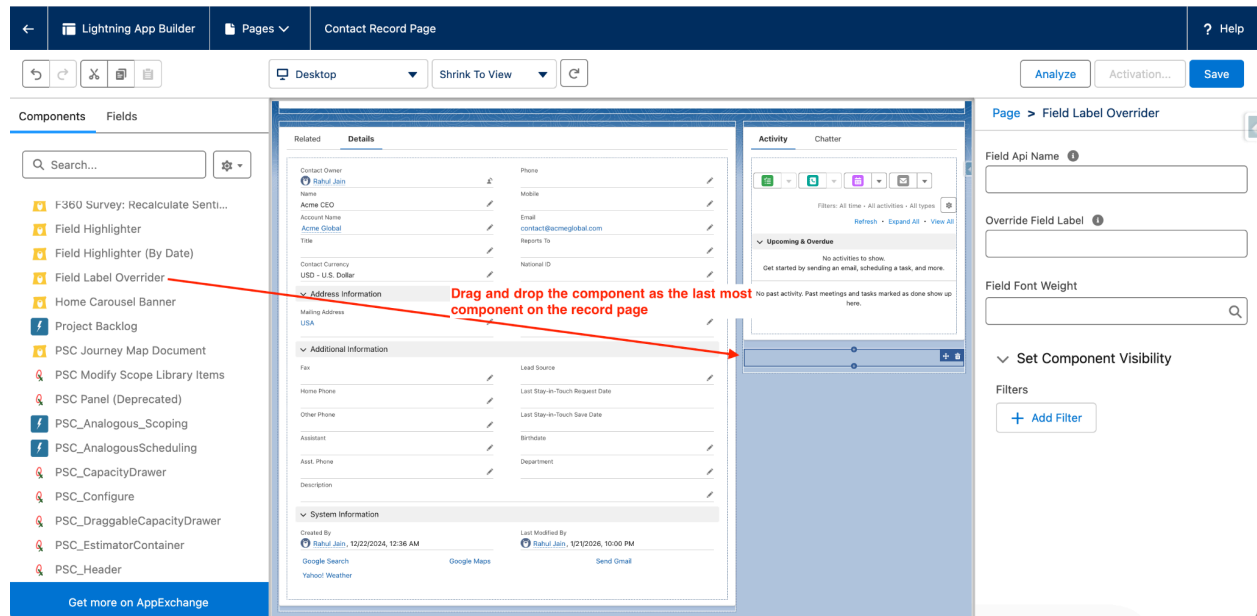
1. **Open Lightning App Builder:** From a record page, click the **Gear icon** and select **Edit Page**.



2. **Add the Component:** Scroll through the **Custom Managed Components** list to find the **Field Label Override**.

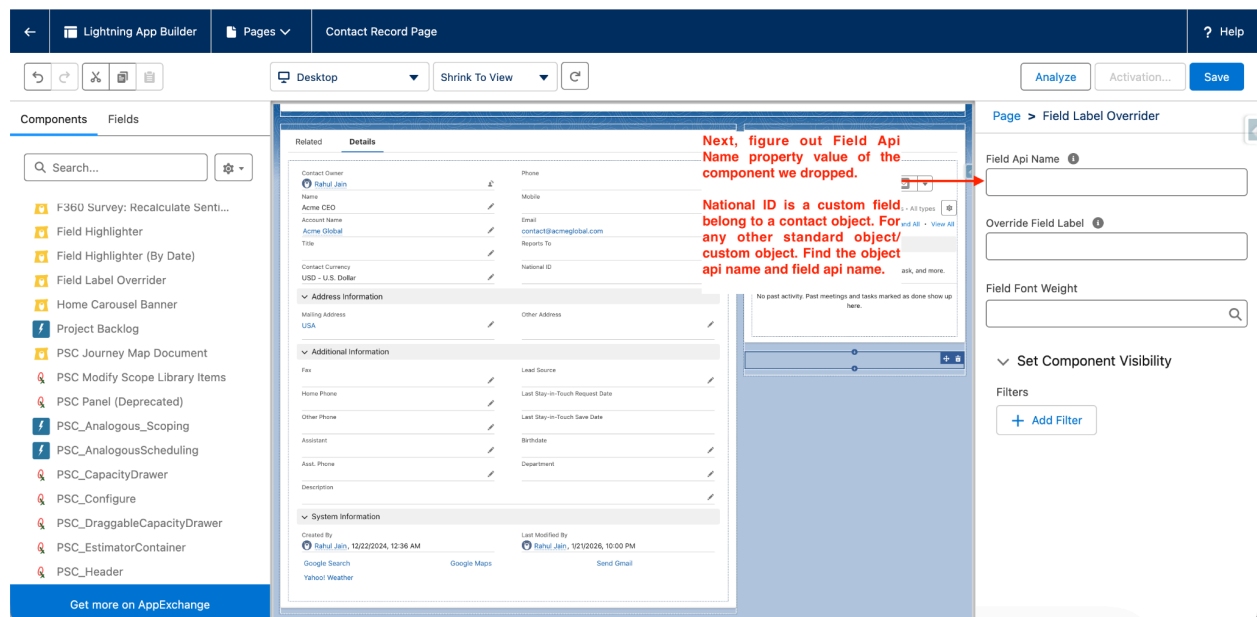


Drag and drop it onto the record page; it is recommended to place it as the **last component** on the page.



3. Configure the First Override:

- **Field Api Name:** Enter the combined object and field name (e.g., `Contact.National_ID__c`).
- **Override Field Label:** Define the new label you want displayed (e.g., **"SSN / EIN"**).



4. Set Visibility Filters: To make the override dynamic, expand **Set Component Visibility** (this is salesforce native feature). Add a filter so the component is only active under specific conditions (e.g., **Record > Mailing Country Equal USA**, when a text field is used for filter condition, filter value is case sensitive)

The screenshot shows the Lightning App Builder interface for the 'Contact Record Page'. The 'Components' panel on the left lists various components, including 'Field Label Override'. The main canvas displays a preview of the contact record page with a red box highlighting the 'SSN / EIN' field label. A red arrow points from the 'Field Label Override' component in the components panel to the 'SSN / EIN' field label in the preview. Another red arrow points from the 'Field Label Override' component to the 'Override Field Label' field in the configuration panel on the right, which is set to 'SSN / EIN'. The configuration panel also shows the 'Field Api Name' as 'Contact.National_ID__c' and a filter condition 'Record > Mailing Country Equal USA'.

Define Override Field Label for replacing National ID field label WHEN contact's mailing country is USA

Page > Field Label Override

Field Api Name ¹
Contact.National_ID__c

Override Field Label ¹
SSN / EIN

Field Font Weight
[Search]

Set Component Visibility

Filters

1 Record > Mailing Country Equal USA

+ Add Filter

5. Add Multiple Overrides: To handle different scenarios, drag and drop another **Field Label Override** component below the first one. For example, set this one to override the label to **"CPF / CNPJ"** when the **Mailing Country** equals **Brazil**.

The screenshot shows the Lightning App Builder interface for the 'Contact Record Page'. The 'Components' panel on the left lists various components, including 'Field Label Override'. The main canvas displays a preview of the contact record page with a red box highlighting the 'CPF / CNPJ' field label. A red arrow points from the 'Field Label Override' component in the components panel to the 'CPF / CNPJ' field label in the preview. Another red arrow points from the 'Field Label Override' component to the 'Override Field Label' field in the configuration panel on the right, which is set to 'CPF / CNPJ'. The configuration panel also shows the 'Field Api Name' as 'Contact.National_ID__c' and a filter condition 'Record > Mailing Country Equal Brazil'.

Similarly, drag and drop another Field Label Override component below the first one and define override field label and set component visibility condition.

In this case, we are setting the label as CPF/CNPJ in case the contact's mailing country is Brazil.

Page > Field Label Override

Field Api Name ¹
Contact.National_ID__c

Override Field Label ¹
CPF / CNPJ

Field Font Weight
[Search]

Set Component Visibility

Filters

1 Record > Mailing Country Equal Brazil

+ Add Filter

Phase 4: Testing and Verification

Once you have saved your changes in the Lightning App Builder, verify the behavior on the live record pages:

- **Scenario A:** When the contact's mailing country is **"Brazil"**, the "National ID" label should dynamically change to **"CPF / CNPJ"**.

The screenshot shows the Salesforce Sales Console interface. The top navigation bar includes 'Sales Console', 'Accounts', and 'Acme Global | Account'. The main content area displays the details of a contact named 'Acme CEO'. The 'Details' tab is active, showing fields for 'Contact Owner' (Rahul Jain), 'Name' (Acme CEO), 'Account Name' (Acme Global), 'Title', 'Contact Currency' (USD - U.S. Dollar), 'Phone' (Mobile), 'Email' (contact@acmeglobal.com), and 'Reports To'. The 'Address Information' section shows the 'Mailing Address' as 'Brazil'. A red arrow points from the 'Brazil' value to the 'CPF / CNPJ' label in the 'National ID' field. A text box on the right side of the screen indicates: 'When mailing country of a contact is 'Brazil' the Label of National ID changes to CPF/CNPJ'.

- **Scenario B:** When the mailing country is **"USA"**, the label should change to **"SSN / EIN"**.

The screenshot shows the Salesforce Sales Console interface. The top navigation bar includes 'Sales Console', 'Accounts', and 'Acme Inc | Account'. The main content area displays the details of a contact named 'Howard Jones'. The 'Details' tab is active, showing fields for 'Contact Owner' (Rahul Jain), 'Name' (Howard Jones), 'Account Name' (Acme Inc), 'Title' (Buyer), 'Contact Currency' (USD - U.S. Dollar), 'Phone' (212) 555-5555, 'Email' (raj@thepsc.cloud), and 'Reports To'. The 'Address Information' section shows the 'Mailing Address' as '10 Main Rd., New York, NY 10149, USA'. A red arrow points from the 'USA' value to the 'SSN / EIN' label in the 'National ID' field. A text box on the right side of the screen indicates: 'When mailing country of a contact is 'USA' the Label of National ID changes to SSN/EIN'.

- **Fallback Behavior:** If the record does not meet any of the defined visibility criteria (e.g., the country is neither USA nor Brazil), the field will display its **original fallback label** (e.g., "National ID")

The screenshot displays the Salesforce Sales Console interface. The top navigation bar includes the Salesforce logo, a search bar, and various utility icons. The main navigation pane on the left shows the 'Sales Console' and 'Accounts' tabs. The central pane shows the 'Details' view of a contact record for Edward Stamos. The record includes fields for Contact Owner (Rahul Jain), Name (Edward Stamos), Account Name (Acme Inc), Title (President and CEO), Contact Currency (USD - U.S. Dollar), Phone ((212) 555-5555), Mobile, Email (info@salesforce.com), Reports To, National ID, Address Information (Mailing Address, Other Address), Additional Information (Fax, Home Phone, Lead Source, Last Stay-in-Touch Request Date). A red arrow points to the 'National ID' field, which is highlighted in red. A red text box next to it states: 'When contact's mailing country is not USA or Brazil, it shows fallback label value, means it doesn't override.'

Related Details

Contact Owner	Phone
Rahul Jain	(212) 555-5555
Name	Mobile
Edward Stamos	
Account Name	Email
Acme Inc	info@salesforce.com
Title	Reports To
President and CEO	
Contact Currency	National ID
USD - U.S. Dollar	
Address Information	
Mailing Address	Other Address
Additional Information	
Fax	Lead Source
(212) 555-5555	
Home Phone	Last Stay-in-Touch Request Date

Activity Chatter

Filters: All time • All activities • All types

Refresh • Expand All • View All

Upcoming & Overdue

No activities to show.

Get started by sending an email, scheduling a task, and more.

No past activity. Past meetings and tasks marked as done show up here.