

# Custom Settings in Salesforce

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**Custom Settings:** – Custom Setting in Salesforce are **similar to Custom Objects** that Salesforce Developer can use to store some sort of data at different levels like Organization, profile, and user level.

Most important thing about Custom Setting is, it does not uses our salesforce data storage and resides in the **application cache**.

**Note:** – Using Custom Settings there is no Need of SOQL to retrieve the data.

We can minimise the use of SOQL with Custom Settings.

Custom settings can also be **referenced in formulas**, so can be used in formula fields, **validation rules, workflow rules, and visualforce**.

**Access Hierarchy Custom Settings into formula field, Validation Rule, and VF page using below Syntax**

`$Setup.CustomSettingName__c.FieldName__c`

## Types: –

### List Custom Setting:-

A type of custom Setting that can be used to store a set of static data and can be used across the Salesforce Organization. Data into List custom setting cannot be varied at the profile or user level but will be available for OWD.

**Example:** – A simple example is to store 3 digit Country code with respect to Complete country name.

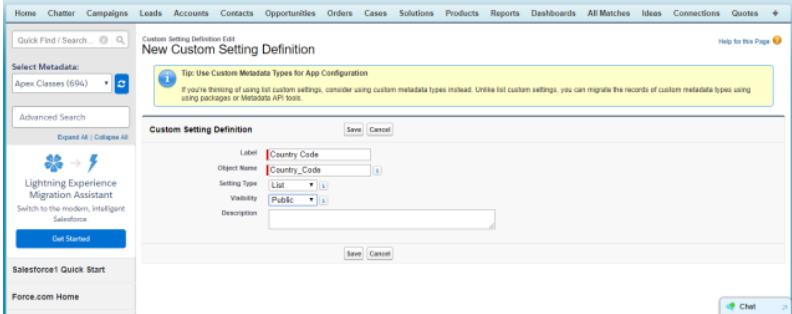
### Hierarchy Custom Settings: –

A type of custom setting that lets you store the **historical data** that you may **personalize for the profile, user and owd level**.

The hierarchy logic checks the organization, profile, and user settings for the current user and returns the most specific, or “lowest,” value.

## How to create Custom Settings: –

**Setup -> Develop -> Custom Settings -> New -> For Label “Country Code” and for Object “Country\_Code” and Save.**



Create a New Custom Text field to store the Country Code name it **“Country Code”**. Click manage and New to enter some data. And Enter below data

<u>Name</u>	<u>Country Code</u>
United States	USA
Canada	CAN
United Kingdom	GBR

## Accessing a List Custom Setting: –

**1-** Using **getAll()**, **getAll() method** to access List Custom setting then We will get Map of Custom setting and Map key will be Custom Setting Name and in value the Object of Custom Setting.

`Map<String_dataset_name, CustomSettingName__c> mcs = CustomSettingName__c.getAll();`

**2 –** Using **getValues(Custom\_Setting\_Name)**, If we know the **name of Custom Setting**. Name like ‘United States’ then we can use getValues method which will **returns the instance of the Custom Setting**.

`CustomSettingName__c mc = CustomSettingName__c.getValues(data_set_name);`

**3 – Values()**, we can use values with getAll which will return the **List of All custom setting** records.

`List<CustomSettingName__c> cusList = CustomSettingName__c.getAll().values();`

## Accessing a Hierarchy Custom Setting: –

**1-** Use the **getOrgDefaults** method to return the dataset values for the organization level.

`CustomSettingName__c mc = CustomSettingName__c.getOrgDefaults();`

**2 –** Use the **getInstance** method to return the data set values for the specified profile. The getInstance method can also be used with a user ID.

`CustomSettingName__c mc = CustomSettingName__c.getInstance(Profile_ID);`