



## Getting Started with Salesforce CRM

### Getting Started with SALESFORCE Part XVI

#### Description:

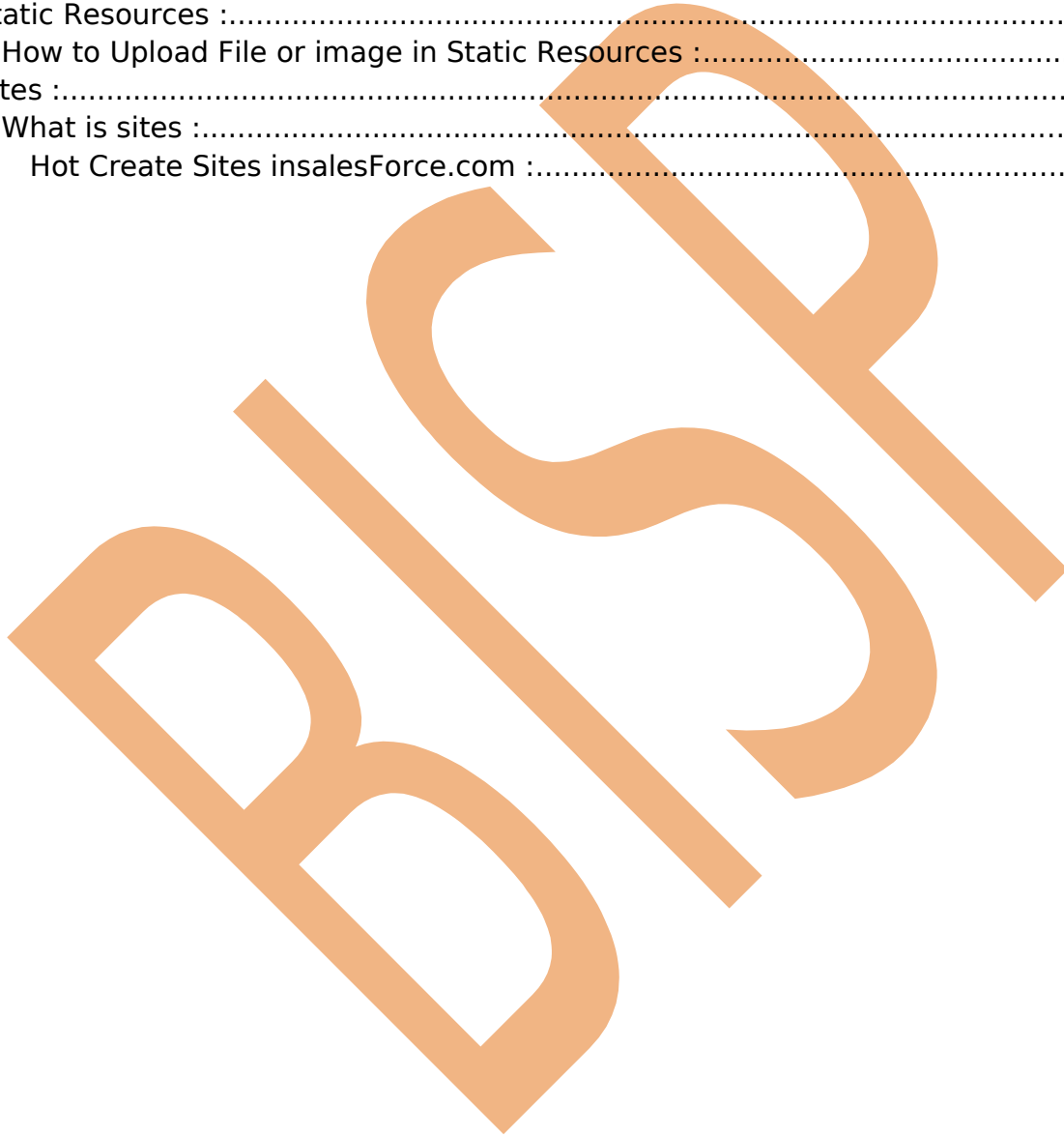
BISP is committed to provide BEST learning material to the beginners and advance learners. In the same series, we have prepared a complete end-to end Hands-on Beginner's Guide for Salesforce. The document focuses Custom Controllers, Controller Extensions and insalesforce.com. **Join our professional training program and learn from experts.**

#### History:

Version	Description Change	Author	Publish
0.1	Initial Draft	Chandra Prakash Sharma	
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## Custom Controllers

Standard controllers can provide all the functionality you need for a VisualForce page because they include the same logic that is used for a standard page. For example, if you use the standard Accounts controller, clicking a **Save** button in a VisualForce page results in the same behavior as clicking **Save** on a standard Account edit page. However, if you want to override existing functionality, customize the navigation through an application, use callouts or Web services, or if you need finer control for how information is accessed for your page, you can write a custom controller or a controller extension using Apex:

## What are Custom Controllers and Controller Extensions?

In VisualForce custom control is an apex class that implement all of the logic for a page without leaving a standard controller. Custom control use in VisualForce page run entirely in system mode they does not enforce the permissions and field-level security of the current user.

## How To Create Page By Using Custom Controllers :

Click on **Setup > develop > Pages** Then Click on New button.

OR

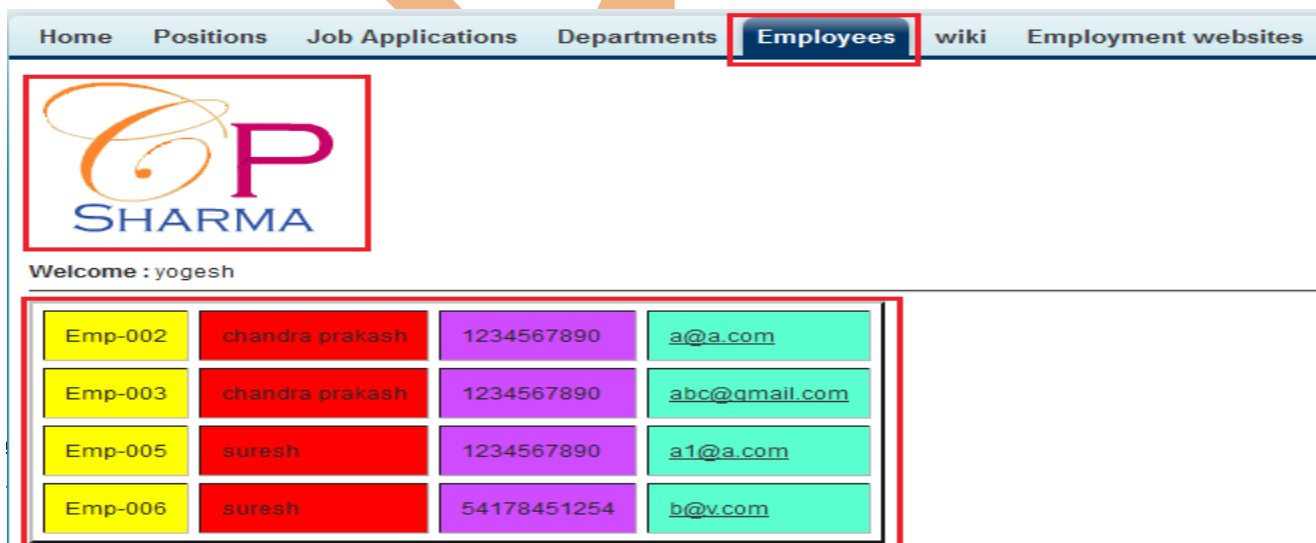
Directly write in address bar after login Salesforce site then add given address in url /apex/Newpage1

for example you see here <https://c.ap1.visual.force.com/apex/Newpage1>

- Note :-**
1. Make Sure in User Setting Development Mode is enable.
  2. You can Custom Control you in Standard Object and Custom object.

**Example 1:-** In this example create table with style sheet and how to call image by using custom object Controller.

**Step 1 :-** Create new page /apex/Newpage1



The screenshot shows a VisualForce page with a navigation menu at the top containing: Home, Positions, Job Applications, Departments, **Employees** (highlighted with a red box), wiki, and Employment websites. Below the menu is a logo for 'SHARMA' with a stylized 'P' and 'S' in orange and purple. A welcome message reads 'Welcome : yogesh'. Below this is a table with four rows of employee data, each row highlighted with a red border. The table columns are: Employee ID, Name, ID Number, and Email Address.

Emp-002	chandra prakash	1234567890	a@a.com
Emp-003	chandra prakash	1234567890	abc@gmail.com
Emp-005	suresh	1234567890	a1@a.com
Emp-006	suresh	54178451254	b@v.com

```
<apex:page standardController="Employee__c" sidebar="false" recordSetVar="Employee__c">
<apex:form >
```

```
<style>
.redcolor
{
background-color:#55ffcc;
}
.bluecolor
{
background-color:red;
}
.yellowcolor
{
background-color:yellow;
}
.othcolor
{
background-color:#cc45ff;
}
</style>
```

There is Stylesheet  
It is .css File

For Adding image

Call style sheet class

```
<apex:image value="{!$Resource.Myimg}"/><br /><br />
```

```
<b> Welcome :</b> {!$User.FirstName}
```

```
<hr />
```

horizontal line

```
<apex:dataTable value="{!Employee__c}" var="acc" border="2" cellpadding="10" cellspacing="5" >
<apex:column value="{!acc.Name}" styleClass="yellowcolor" />
<apex:column value="{!acc.Employee_Name__c}" styleClass="bluecolor" />
<apex:column value="{!acc.Mobile_Number__c}" styleClass="othcolor" />
<apex:column value="{!acc.Email_Id__c}" styleClass="redcolor" />
</apex:dataTable>
```

For Adding Table

```
</apex:form>
```

```
</apex:page>
```

**Note :-** Before using this code `<apex:image value="{!$Resource.imagename}"/>` make sure add image file in Static Resources.

## Static Resources :

Use static resources to upload content that you want to reference in a VisualForce page, including .zip and .jar files, images, stylesheets, JavaScript, and other files.

## How to Upload File or image in Static Resources :

Click on **Setup > Develop > Static Resources** Then click on New button.

## Step 1:-

Action	Name	Namespace Prefix	Description	MIME Type	Size	Created By Alias	Created Date	Last Modified Date +	Cache Control
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">SiteSamples</a>		Static resource for sites sample pages	application/zip	44,926	yshar	11/14/2013	11/14/2013 3:10 PM	Public
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Mvimg</a>		image	image/png	2,846	yshar	11/14/2013	11/14/2013 1:16 PM	Private

Step 2:- Fill all fields then click on **Save** button.

## Static Resource

### Static Resource Edit

[Save](#) [Cancel](#)

**Static Resource Information** | = Required Information

Name  ← Enter File Name or Image Name

Description

File  bispimage1.jpg ← Browse you file or image

Cache Control

[Save](#) [Cancel](#)

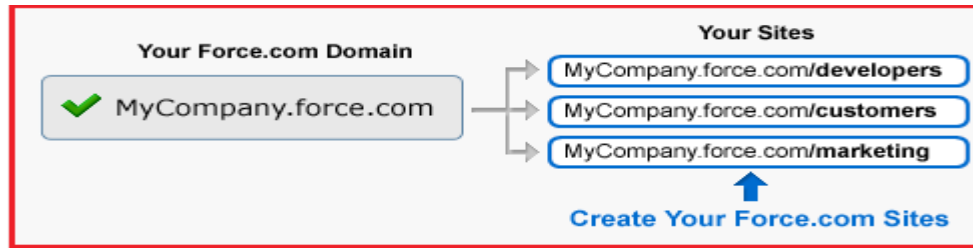
After that you can call image by using this code `<apex:image value="{!$Resource.imageName}"/>`

## Sites :

### What is sites :

Force.com sites enables you to create public websites and applications that are directly integrated with your Salesforce.com organization—without requiring users to log in with a username and password. You can publicly expose any information stored in your organization through pages that match the look and feel of your company's brand. Use sites to create public community sites to gather customer feedback, branded login and registration pages for your portals, Web forms for capturing leads, and so on. Because sites are hosted on Force.com servers, there are no data integration issues. And because sites are built on native VisualForce pages, data validation on collected information is performed automatically. You can allow users to access your site through your unique Force.com domain and URL, or you can register your own branded domain or sub domain to redirect to your site.

Create multiple sites that appeal to different audiences and satisfy your company's various business needs. For example, a software company could create one site for new developers, another for customers, and a third for marketing.



### Hot Create Sites insalesForce.com :

Click on **Setup** > **Develop** > **Sites** then click on New button.

#### Step 1 :-

Enter website name and click on Check Availability button. If there is site name is available, checked check box and click on Register My Force.com button.

The screenshot shows the 'Create New Site' form in Salesforce. The 'URL' field contains 'http:// bisp -developer-edition.ap1.force.com'. The 'Check Availability' button is highlighted with a red box. A red arrow points from the text 'Then Check availability' to the button. Another red arrow points from the text 'Enter site Name here' to the URL field. Below the URL field is a checkbox labeled 'I have read and accepted the Force.com Sites Terms of Use' and a 'Register My Force.com Domain' button.

#### Step 2 :- Click on **New** button.

The screenshot shows the Salesforce Sites table. The table header shows 'Sites (bisp2-developer-edition.ap1.force.com)' and a 'New' button. The table has columns: Site Label, Site URL, Site Description, Active, Site Type, Last Modified By. The table is empty, showing 'No records to display.'

#### Step 3:-

## Site Edit

**New Site** [Save] [Cancel]

Site Label:  [i]

Site Name:  [i]

Site Description:

Site Contact:  [i]

Default Web Address:  [i]

**Active**  [i]

Active Site Home Page:  [i]

Inactive Site Home Page:  [Preview]

Site Template:  [i]

Site Robots.txt:  [i]

Site Favorite Icon:

Analytics Tracking Code:  [i]

URL Rewriter Class:  [i]

Enable Feeds:

[Save] [Cancel]

After that you can use this URL <http://bisp2-developer-edition.ap1.force.com/> this URL call directly page no need to any user name or password.

**Example 2:-** How to use Tab in Salesforce using apex code.? First you will create apex page then write the code for tabbing.

```
1 <apex:page standardController="Account" sidebar="false">
2 <apex:tabPanel >
3 <apex:tab label="Account detail" id="tabOne">
4 <apex:detail />
5 <b> Welcome :</b> {!$User.FirstName}</apex:tab>
6 <apex:tab label="Contacts">
7
8 <apex:relatedList subject="{!Account}" list="Contacts"/>
9 </apex:tab>
10 <apex:tab label="Employee">
11 <apex:detail />
12 </apex:tab>
13 <apex:tab label="Report">
14 <apex:detail />
15 </apex:tab>
16 </apex:tabPanel>
17 </apex:page>
```

Position: Ln 17, Ch 13 | Total: Ln 17, Ch 405

Welcome : yogesh

