How to access static resources from Apex, Visualforce and Custom Button

English   中文   日本語

In Apex

Normal file (with soql)

```java
StaticResource sr = [SELECT Id, Body FROM StaticResource WHERE Name = 'MyJsonFile' LIMIT 1];
String body = sr.Body.toString();
System.assertEquals(body, '{"key1":"value1","key2":"value2"}');
```

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Normal file (with PageReference.getContent)

```java
StaticResource sr = [SELECT Id,NamespacePrefix,SystemModstamp FROM StaticResource WHERE Name = 'MyJsonFile' LIMIT 1];
String prefix = sr.NamespacePrefix;
if( String.isEmpty(prefix) ) {
    prefix = '';
} else {
    //If has NamespacePrefix
    prefix += '__';
}
String srPath = '/resource/' + sr.SystemModstamp.getTime() + '/' + prefix + 'MyJsonFile';
PageReference pg = new PageReference( srPath );
String body = pg.getContent().toString();
System.assertEquals(body, '{"key1":"value1","key2":"value2"}');
```

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Zip file (with PageReference.getContent)

※Zip file can not be accessed by soql.

```java
StaticResource sr = [SELECT Id,NamespacePrefix,SystemModstamp FROM StaticResource WHERE Name = 'JsonZip' LIMIT 1];
String prefix = sr.NamespacePrefix;
if( String.isEmpty(prefix) ) {
    prefix = '';
} else {
    //If has NamespacePrefix
    prefix += '__';
}
//Get the path of MyJsonFile.json file in Zip static resource
String srPath = '/resource/' + sr.SystemModstamp.getTime() + '/' + prefix + 'JsonZip/MyJsonFile.json';
PageReference pg = new PageReference( srPath );
String body = pg.getContent().toString();
System.assertEquals(body, '{"key1":"value1","key2":"value2"}');
```

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In VF

Normal file

```html
<apex:includeScript value="{!$Resource.MyJavascriptFile}"/>
<apex:stylesheet value="{!$Resource.styles}"/>
```

static-resources.html hosted with ♥ by GitHub   **view raw**

Zip file

```html
<apex:includeScript value="{!URLFOR($Resource.LibraryZip, '/subdir/MyJavascriptFile.js')}"/>
<apex:stylesheet value="{!URLFOR($Resource.StyleSheetZip, 'styles.css')}"/>
```

In Custom Button

```
{!REQUIRESCRIPT('/resource/' & LEFT(SUBSTITUTE(SUBSTITUTE(SUBSTITUTE(TEXT(NOW()),':',''),'-',''),' ',''),10) & '000/MyJavascriptFile')}
```