

SharePoint 2013 Dev with CSOM and REST – JavaScript in SharePoint Solutions

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Module Outline

- JavaScript in Farm Solutions
- JavaScript in Sandboxed Solutions

JavaScript in a Farm Solution

- **Hosting jQuery and other libraries**
 - Use CDN or add library files to _layouts folder
- **Creating scripts**
 - Put code in pages or web parts
 - Put common code files under _layouts folder
 - Only put your scripts in Doc Libs if you need users to edit live
- **Referencing libraries**
 - Use ScriptLink control

```
<SharePoint: ScriptLink ID="ScriptLink1" Name="sp.js" runat="server" />  
<SharePoint: ScriptLink ID="ScriptLink2"  
  Name="Scripts/jquery-1.8.3.min.js" runat="server" />
```

JavaScript in a Sandboxed Solution

- **Hosting jQuery and other libraries**
 - Use CDN or add to document library
- **Referencing jQuery and other libraries**
 - CustomAction
 - ExecuteOrDelayUntilScriptLoaded or jQuery.getScript
- **Hosting custom script files**
 - Add to document library
- **Using script files**
 - Add Content Editor web part to page

```
<CustomAction  
  ScriptSrc=" ~SiteCollection/Style Library/Scripts/jquery- 1. 8. 3. min. js"  
  Location="ScriptLink"  
  Sequence=" 15">  
</CustomAction>
```

Summary

- **JavaScript in Farm Solutions**
- **JavaScript in Sandboxed Solutions**