

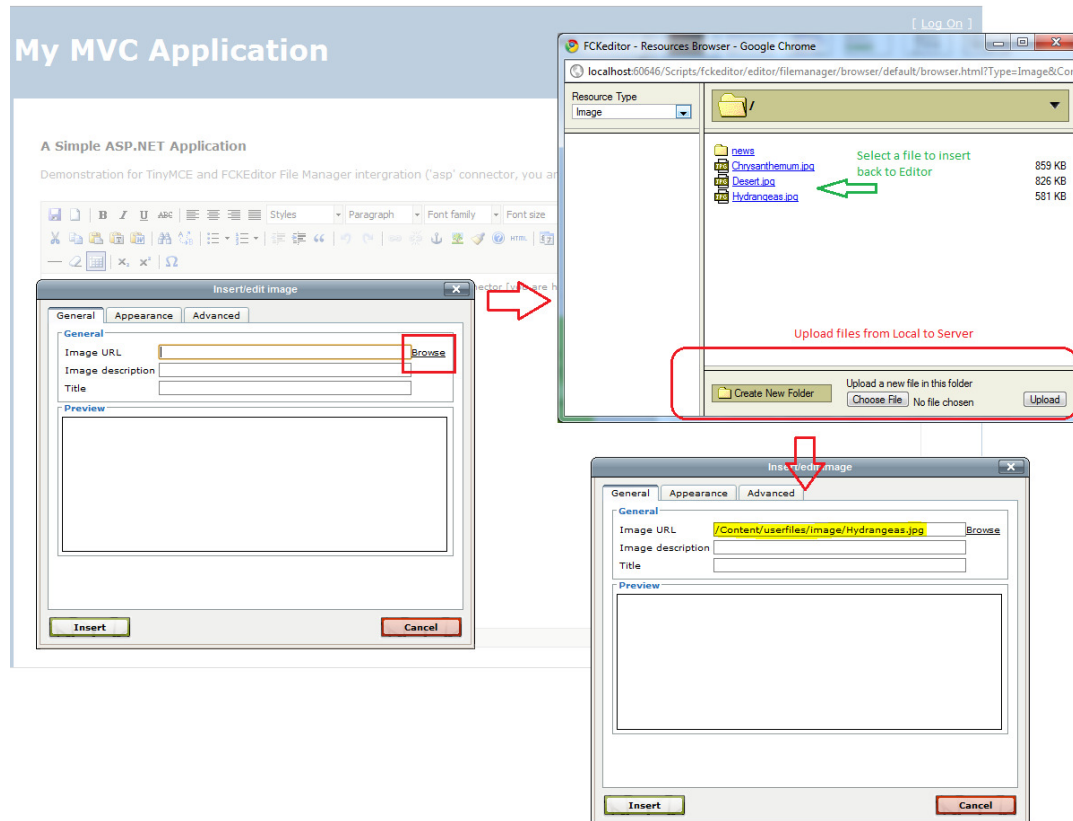
# Integration of TinyMCE with FCKEditor File Manager using ASP.NET MVC

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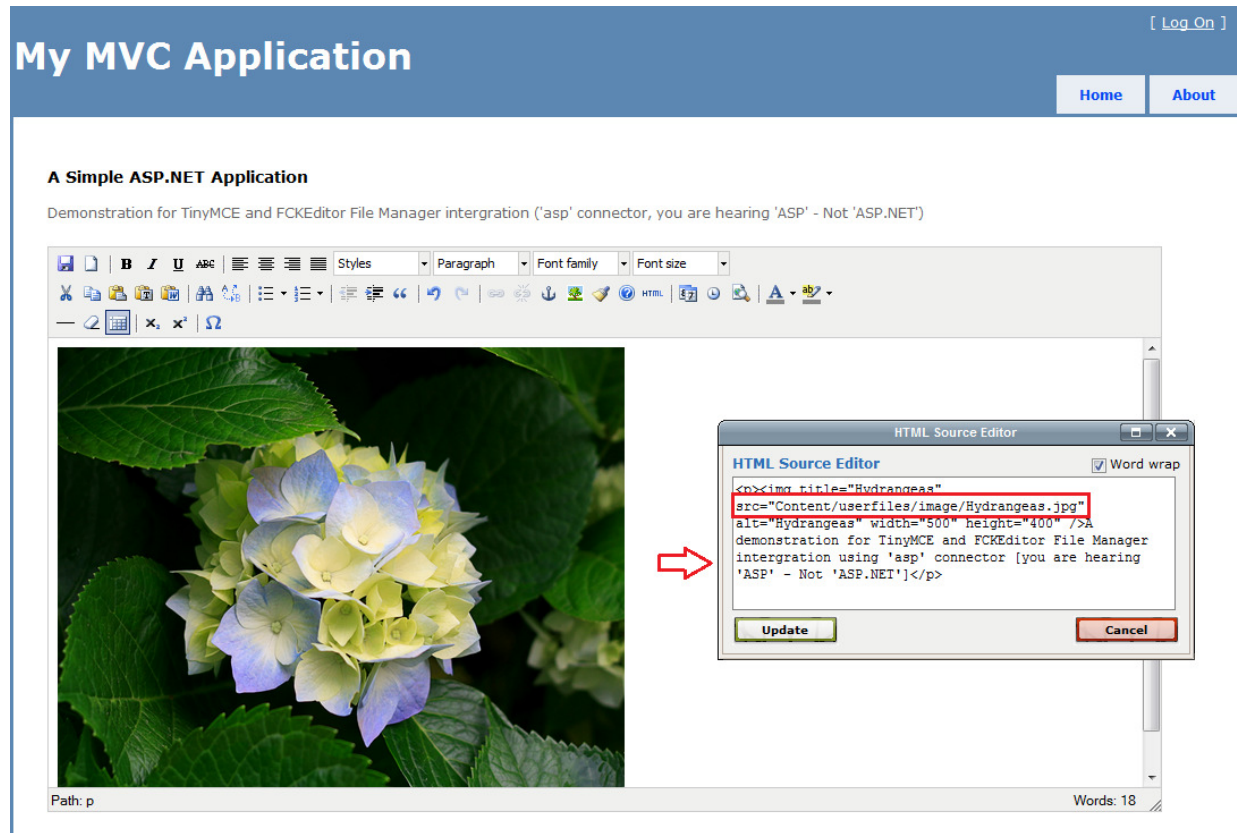
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## A. Here are the goals for the integration

1. Add 1 button “Browse” to File Manager Server.
2. It shows a modal dialog displaying files/images on server
3. User can manage to upload more files to server
4. Select a file to insert back to TinyMCE editor



5. This is the result.

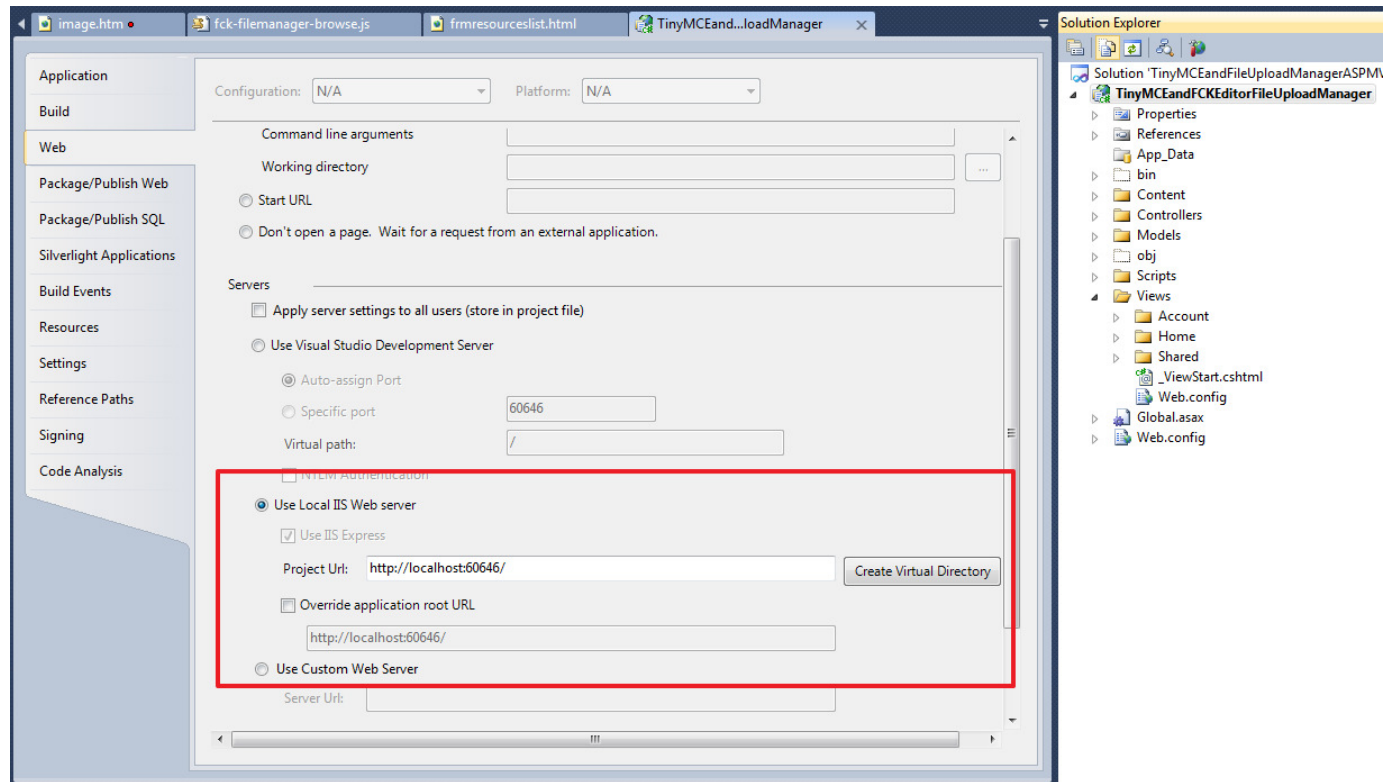


## B. Software usages

1. Stable release of TinyMCE
  - Download link: <http://tinymce.moxiecode.com/download/download.php>
2. Latest release of FCKEditor
  - Download link: [http://sourceforge.net/projects/fckeditor/files/FCKeditor/2.6.6/FCKeditor\\_2.6.6.zip](http://sourceforge.net/projects/fckeditor/files/FCKeditor/2.6.6/FCKeditor_2.6.6.zip)
3. ASP.NET MVC 3 and Visual Studio 2010

## C. How to run the demonstration

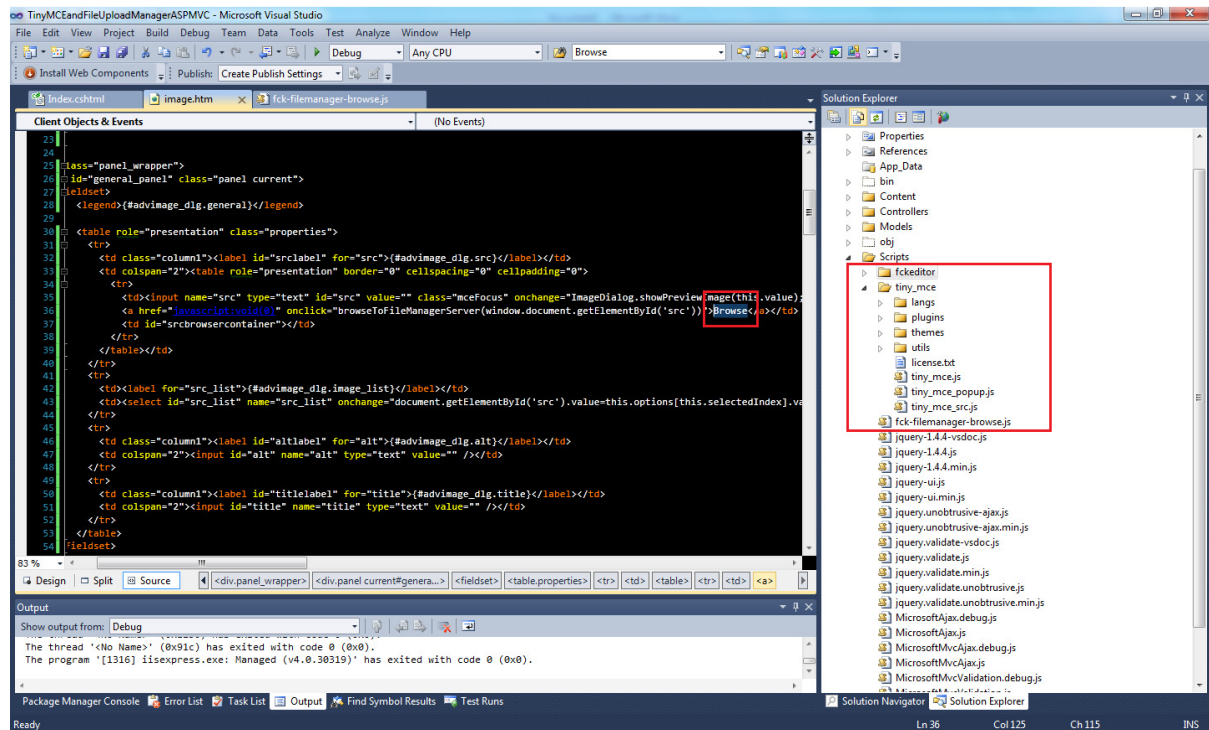
1. The source code needs to be built and deployed to Web Server.
2. Or downloading **IIS Express** to launch the source code and for development in VS Studio 2010.  
Please find the detail in <http://weblogs.asp.net/scottgu/archive/2010/06/28/introducing-iis-express.aspx>



*The reason for choosing “ASP” connector of FCK editor is that ASP can run natively in IIS Server.*

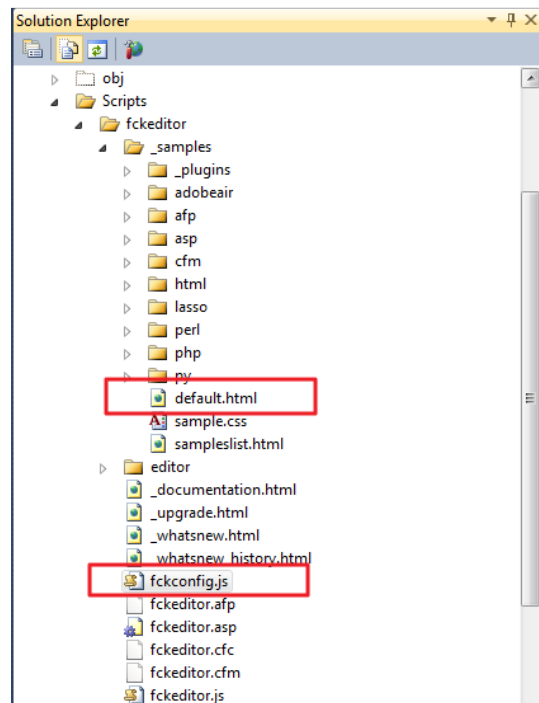
## D. Step by step to complete the example

- The **fckeditor** and **tinymce** downloaded from B will be put to Scripts folder
- **fck-filemanager-browse.js** is a bridge between TinyMCE and FCK File Manager.

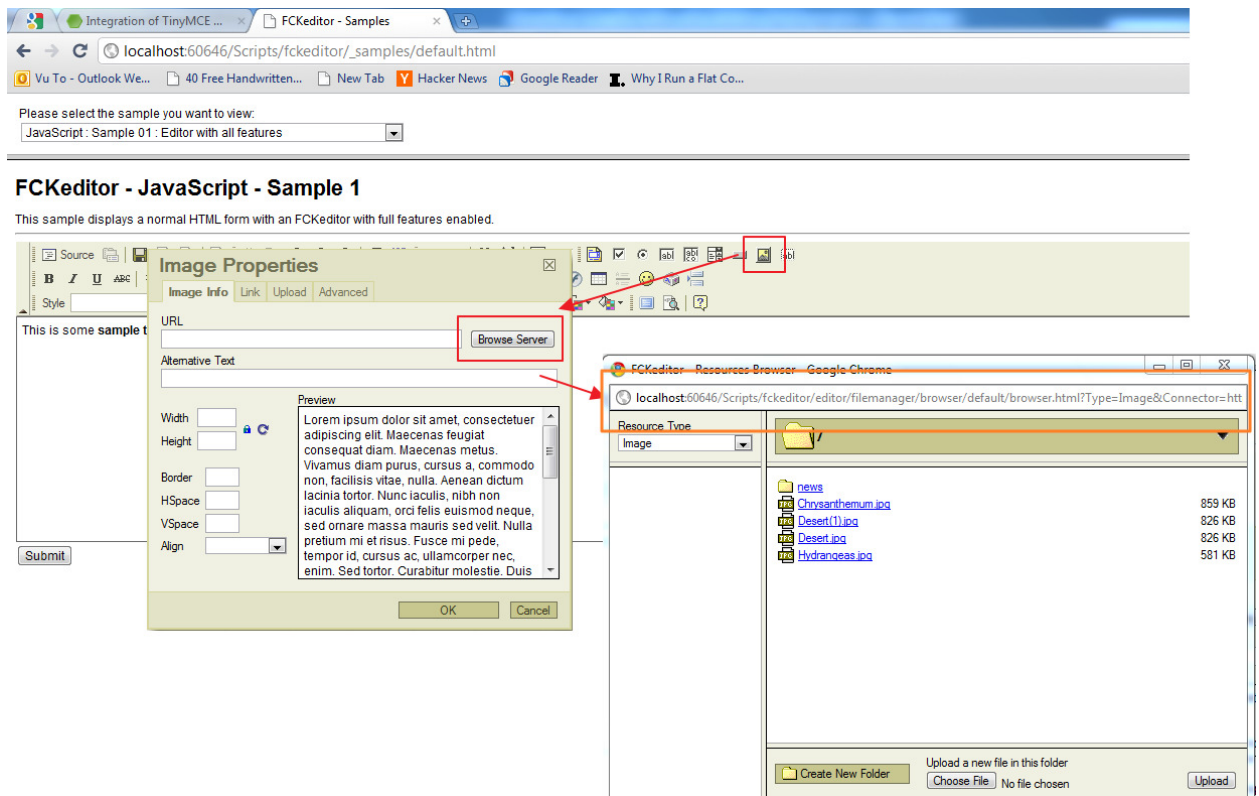


### 1. Setting up FCK File Manager

Revisit again the structure of fckeditor in the project:



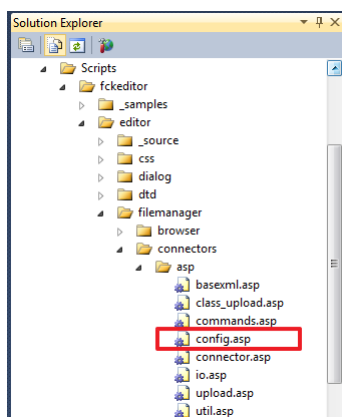
Run the IIS Express Server and then browse default.html.



The purpose of this is getting the link to FCK file manager, it looks like this:

<http://localhost:60646/Scripts/fckeditor/editor/filemanager/browser/default/browser.html?Type=Image&Connector=http%3A%2F%2Flocalhost%3A60646%2FScripts%2Ffckeditor%2Feditor%2Ffilemanager%2Fconnectors%2Fasp%2Fconnector.asp>

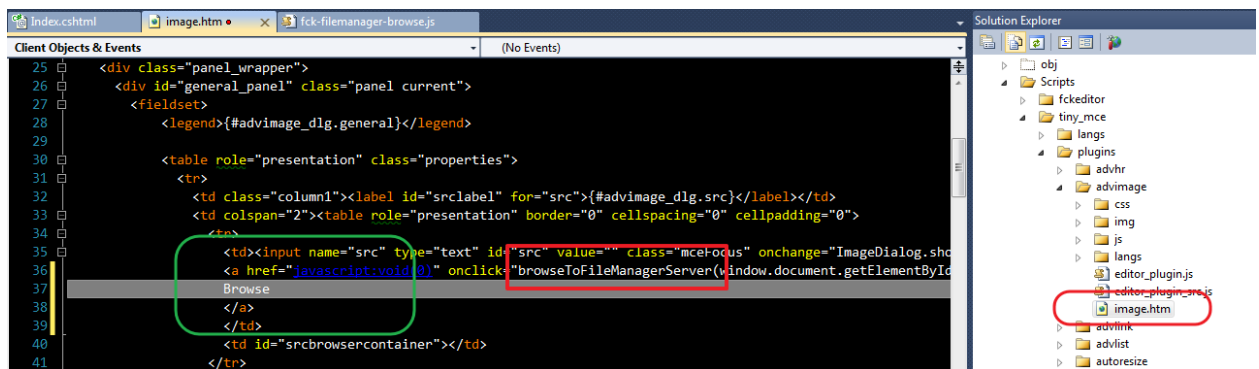
You find here, we are using asp connector, now if you are trying to do an upload there is a pop-up error. Let's start to do a configuration for connector



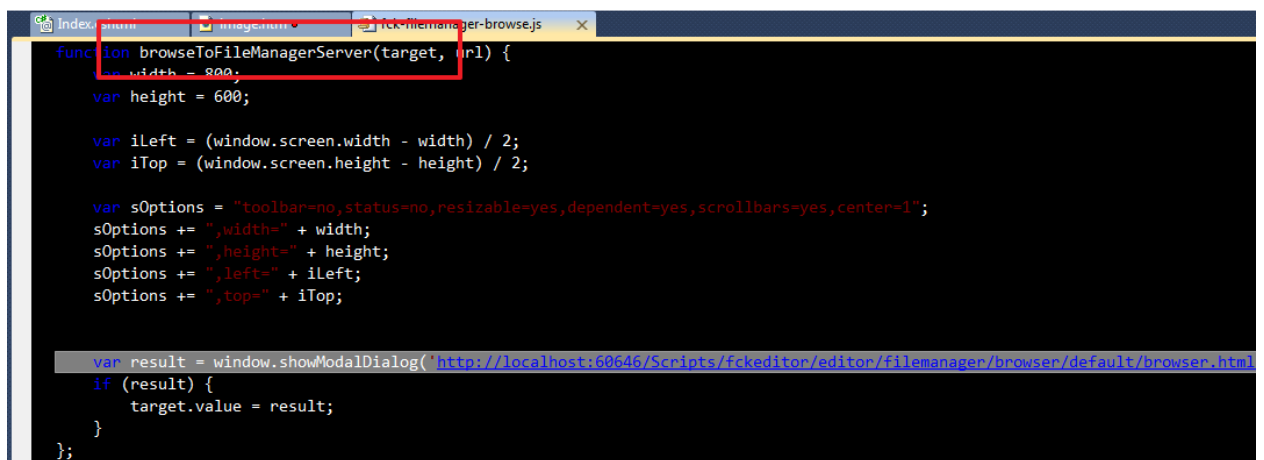
- Go to config.asp to enable connector as below:  
 ConfigsEnabled = True  
 ConfigUserFilesPath = "/Content/userfiles/"  
*'This is the folder which locates the images/files when uploading to servers'*
- Go back fckconfig.js in 'Scripts/fckeditor' to change the connector to 'asp' instead of 'php':  
 var \_FileBrowserLanguage = 'asp'; // asp | aspx | cfm | lasso | perl | php | py  
 var \_QuickUploadLanguage = 'asp'; // asp | aspx | cfm | lasso | perl | php | py

Refreshing the browser again, now we can upload files to server and check the result in '/Content/userfiles/image' folder.

## 2. Connecting TinyMCE with FCK File Manager



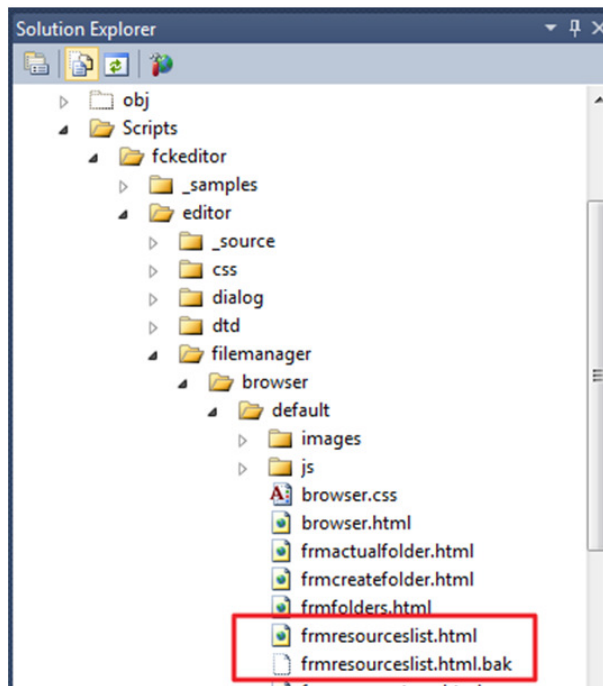
- Add 'Browse' button to TinyMCE Insert/Edit Image dialog



The method 'browseToFileManagerServer', it links to the URL from previous step.

It's pretty done now, except for when we click selects on image of FCK editor, there is no result returns to TinyMCE Insert/Edit Image dialog. Let's complete the final step.

### 3. Returning the result from FCK File Manager back TinyMCE Editor



Looking into the `OpenFile()` method in `frmresourceslist.html` and change it as below to having the result returns TinyMCE Insert/Edit Image dialog

```
function OpenFile( fileUrl )
{
    window.parent.returnValue = fileUrl ;
    window.top.close() ;
}
```

The End. Hope it helpful for everyone.

Thanks,  
totolearning