



Any Findings

Browser

JavaScript

Jquery

MVC3

Monday, April 8, 2013

Upload file in MVC3 via Ajax

There are quite a few Jquery plugins that will upload file using ajax. Here i will write a quick sample for achieving the same using jquery.form.js.

First thing's first. get jquery.form.js plugin. You can search for this in google. :)

Now that you have this plugin and included in the script, Follow these simple steps.

1) Create form

```
@using (Html.BeginForm("ActionName", "Controller", FormMethod.Post, new { enctype = "multipart/form-data", id = "ajaxUploadForm" }))
{
}
```

2) In this form, u can place "file" element to browse and choose file.

3) Create one button with type "Submit"

4) JS script in same form

```
$(function () {
    $("#ajaxUploadForm").ajaxForm({
        iframe: true,
        type: 'POST',
        dataType: 'json',
        cache: false,
        timeout: 1200000,
        async: false,
        beforeSend: function () {
            //Do something here if needed like show in progress message
        },
        success: function (result) {
            alert("success")
        },
        error: function (xhr, textStatus, errorThrown) {
            alert("Error uploading file");
        }
    });
});
```

Done with form.

Create controller

```
public string ActionName(HttpPostedFileBase file)
{
    string message = "File Uploaded Successfully";
    if (file != null && file.ContentLength > 0)
    {
        //file extension can be checked with Path.GetExtension(file.FileName)
        if (file != null && file.ContentLength > 0)
        {
            string fileName = Path.GetFileName(file.FileName);
            string basePath = ConfigurationManager.AppSettings["some path from config OR hardcode path"];
            string path = Path.Combine(basePath, fileName);
            CheckForDirectoryInTheServer.IfNotExistCreateOneOrManuallyCreateRequiredFolder();

            file.SaveAs(path);
        }
    }
    else
    {
        message = "File is empty or null";
        return message;
    }
    return message;
}
```

A little bit about me.

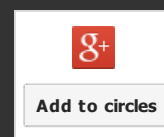
Akiv Shrestha, that's me, lives in Kathmandu, Nepal. I work as a senior programmer. I have been working on MVC3 for quite a while. Beside this, i know javascript, ASP, VB, SQL (DB design) etc.

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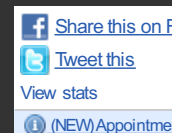


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You are ready to go. You can return message in json format as your requirement, for success, some error while uploading etc etc.

Please check out my [blog](#) to see how extra parameters can be passed to controller while uploading file.

Happy Coding

Posted by [Akiv Shrestha](#) at 6:02AM

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