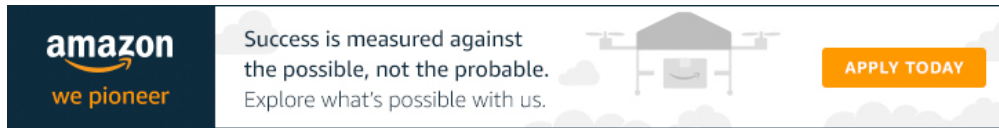# Download file from ajax and ActionResult

I want to download files on browser with ajax and ActionResult. The file is downloaded and returned from my ActionResult.

I see the Http query is ok and see the data in the response body. The problem is that the file is not proposed to save in the browser.

All seems good. All that I seen in tutorial and forum were like I done but mine don't word XD. I don't understand what is the difference between mine and the others.

Here is my ActionResult :

```csharp
public ActionResult ShippingDownloadDNPriority(string SALE_GUID)
{
    int supId = -1;
    int.TryParse(Session["SupId"].ToString(), out supId);
    if (supId < 0)
        return null;

    WebResponse response = CallApi.DownloadAndCreateDN(Session["UserLogin"].ToString(),
Session["IdentConnect"].ToString(), SALE_GUID, supId, true);
    Stream responseStream = response.GetResponseStream();

    var cd = new System.Net.Mime.ContentDisposition
    {
        FileName = "myfile.pdf",
        Inline = false,
    };
    Response.Headers.Add("Content-Disposition", cd.ToString());
    Response.ContentType = "application/octet-stream";
    return File(responseStream, System.Net.Mime.MediaTypeNames.Application.Pdf,
"myfile.pdf");
}

public static WebResponse DownloadAndCreateDN(string login, string session, string
SALE_GUID, int supid, bool priority)
{
    string[] res = new string[2];

    StringBuilder postData = new StringBuilder();
    postData.AppendLine("{");
    postData.AppendLine(string.Format("\"login\":\"{0}\",", login));
    postData.AppendLine(string.Format("\"session\":\"{0}\",", session));
    postData.AppendLine(string.Format("\"saleguid\":\"{0}\",", SALE_GUID));
    postData.AppendLine(string.Format("\"supid\":{0},", supid));
    postData.AppendLine(string.Format("\"prority\":{0}", priority.ToString().ToLower()));
    postData.AppendLine("}");

    ASCIIEncoding ascii = new ASCIIEncoding();
    byte[] postBytes = ascii.GetBytes(postData.ToString());

    string url = Properties.Settings.Default.ISAPIAddress + "deliverynote/create";

    HttpWebRequest request = (HttpWebRequest)WebRequest.Create(url);
    request.Method = "POST";
    request.ContentType = "application/json";
    request.ContentLength = postBytes.Length;

    Stream postStream = request.GetRequestStream();
    postStream.Write(postBytes, 0, postBytes.Length);
    postStream.Flush();
    postStream.Close();

    return request.GetResponse();
}
```

Here is my javascript :

```javascript
$.ajax({
    url: '../Shipping/ShippingDownloadDNPriority?SALE_GUID=XXXXXXXXXXXXXX',
    data: { SALE_GUID: DropShipping.GetRowKey(rowIndexSale) },
    async: false,
    //success: function (data) { window.downloadFile = data; }
});
```

Thanks all

ajax   asp.net-mvc-4   download   actionresult

1 Answer

AJAX is just a thin client. Nothing happens with the response returned by default. You are responsible to making the download happen. However, doing that requires the File API that's part of HTML5. As a result, this is only possible in modern browsers (IE10+).

Inside your AJAX success method:

```
var blob = new Blob(data, { type: 'application/pdf' });
var a = document.createElement('a');
a.href = window.URL.createObjectURL(blob);
a.download = 'myfile.pdf';
a.click();
window.URL.revokeObjectURL(url);
```

Thanks, I will test this tomorrow moring. – Gobelet 22 hours ago

This doesn't work, I have this error : "Failed to construct 'Blob': The 1st argument is neither an array, nor does it have indexed properties" – Gobelet 30 mins ago

Add Another Answer

माध्यमिक शिक्षा परिषद्, उत्तर प्रदेश, प्रयागराज