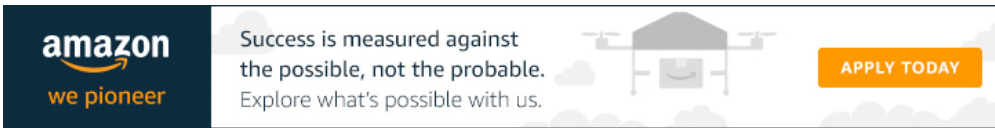


## Download file from ajax and ActionResult



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 work XD. I don't understand what is the difference between mine and the others.

Here is my ActionResult :

```
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("\priority\": \"{0}\",", priority.ToString().ToLower()));
    postData.AppendLine("}");

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

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

    HttpRequest request = (HttpRequest)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 :

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

Thanks all

asked 2 days ago



## 1 Answer

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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);
```

answered 2 days ago



**Chris Pratt**

107k 13 168 229

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Thanks, I will test this tomorrow morning. – [Gobelet](#) 22 hours ago

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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

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Add Another Answer