HOWTO: Make Sure Two Tabs With the Same .ASPX Page Don't Interact With Each Other

Legacy Controls NOTICE

This article references our legacy Web Forms Web Viewing controls (WebImageViewer, WebAnnotationViewer, WebThumbnailViewer). It is preserved for archival purposes, but support strongly recommends using our modern HTML5 web controls: WebDocumentViewer, WebDocumentThumbnailer instead)

[INFO: WebDocumentViewer Whitepaper - Getting Started With Web Viewing](#)

Main Article Content

If you load the same page in two tabs in your browser, the browser will send the same cookies to both pages and then both pages will share a session ID.

Since our controls use the session ID to create filenames in the cache, this can result in the two tabs conflicting with each other.

To solve this, add the following code to your page (you need to update with our web control IDs)

```
rotected override void OnPreInit(EventArgs e) { // this comes in on AJAX requests and tile
and thumb requests, you must use it if it exists string id = Request.QueryString["atala_id"];
// these are put in a hidden variable and is for post-backs string ivid =
Request.Params["postback_ivid"]; string tvid = Request.Params["postback_tvid"]; // if it's
the first request or a Post-Back if (id == null) { string newGuid =
Guid.NewGuid().ToString().Replace('-', '_'); if (ivid != null) { // it was a post-back, use
the old id WebImageViewer1.ID = ivid; } else if (!WebImageViewer1.ID.StartsWith("gen_")) { //
it's the first page request, generate an ID WebImageViewer1.ID = "gen_iv_" + newGuid; } if
(tvid != null) { // it was a post-back, use the old id WebThumbnailViewer1.ID = tvid; } else
if (!WebThumbnailViewer1.ID.StartsWith("gen_")) { // it's the first page request, generate an
ID WebThumbnailViewer1.ID = "gen_tv_" + newGuid; } // This makes sure that you can still use
JavaScript with the ID names that you know
ClientScript.RegisterClientScriptBlock(typeof(_Default), "MakeObjects", "var WebImageViewer1;
var WebThumbnailViewer1;" + "function MakeObjects()\n" + "{\n" + "\tWebImageViewer1 = " +
WebImageViewer1.ClientID + ";\n" + "\tWebThumbnailViewer1 = " + WebThumbnailViewer1.ClientID
+ ";\n" + "}\n", true); ClientScript.RegisterStartupScript(typeof(_Default),
"CallMakeObjects", "atalaInitClientScript('MakeObjects();')", true); } else { // it's an AJAX
request or a Tile or Thumb request -- figure out which control they want // by looking at the
ID value if (id.StartsWith("gen_iv_")) { WebImageViewer1.ID =
Request.QueryString["atala_id"]; WebThumbnailViewer1.ID =
WebImageViewer1.ClientID.Replace("gen_iv_", "gen_tv_"); WebThumbnailViewer1.ViewerID =
WebImageViewer1.ClientID; } else if (id.StartsWith("gen_tv_")) { WebThumbnailViewer1.ID =
```

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```
Request.QueryString["atala_id"]; WebImageViewer1.ID =
WebThumbnailViewer1.ClientID.Replace("gen_tv_", "gen_iv_"); WebThumbnailViewer1.ViewerID =
WebImageViewer1.ClientID; } } base.OnPreInit(e); }
```

And you need to add the following to your ASPX page for postbacks to work

```
input type="hidden" name="postback_ivid" value="<%=WebImageViewer1.ClientID %>" /> <input
type="hidden" name="postback_tvid" value="<%=WebThumbnailViewer1.ClientID %>" />
```

Original Article:

Q10227 - HOWTO: How to make sure two tabs with the same .ASPX page don't interact with each other

Atalasoft Knowledge Base

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