

## Re: WebControl/Cache-Control question

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"Nadav" <Nadav@discussions.microsoft.com> wrote in message news:9E58EB10-9D8A-493B-8E64-B7D5914AA1E7@microsoft.com...  
> *How can I prevent the image from being cached?*

What you describe sounds like the correct means of preventing caching by the user agent, provided the user agent understands the header.

The only thing I'd check is that you're setting this on the correct HTTP response, that is, the one generating the dynamic image (i.e., I presume elsewhere in the same web control you're also setting the HTTP Content-Type header to something like image/png or something.) The cache-control won't apply to the image if you're setting it on the HTTP response for the page as a whole, or if the image is just an <IMG SRC="myimage.png" /> tag that's been rendered. In this situation, the user agent makes two requests, one to grab your page containing the <IMG> tag, and then a second request for the .png file specified in that <IMG> tag. If you set cache-control on the page to expire immediately, then that doesn't affect the request/response for the .png file directly (because that response doesn't have a cache-control on it). I'm only speculating about what your situation looks like here, it's really two entirely different scenarios: (a) a WebForm producing a dynamic image with Content-Type: image/png (or other graphics file format), vs. (b) a WebForm with a WebControl producing an <IMG SRC="myimage.png"/> tag where the browser makes a second request that's separate to fetch the image.

One tool that you may try is the power toy, Fiddler, described in this article and a free download from MSDN,

[http://msdn.microsoft.com/ie/default.aspx?pull=/library/en-us/dnwebgen/html/ie\\_introfiddler.asp](http://msdn.microsoft.com/ie/default.aspx?pull=/library/en-us/dnwebgen/html/ie_introfiddler.asp)

Check that the browser is receiving the Cache-Control HTTP header on the request for the image.

Another place to check potentially are the IIS logs which you can usually find in the,

C:\WINDOWS\SYSTEM32\LOGFILES\W3SVC1

microsoft.public.dotnet.languages.csharp: Re: WebControl/Cache-Control question

directory on the web server. If the request coming in for the image was responded to with an HTTP Status Code 304, then IIS told the browser that the image requested hasn't changed (based on its timestamp) and the browser should get it from its cache.

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