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Refresh an XDA Site

20 Feb 2021 by [Acorn](#)

The Problem

As an editor refining a website design, changes do not seem to occur. This leaves the designer frustrated and questioning everything.

It is not you.

Solutions

Client-side:

- **As a Developer:** Clear with browser cache by pressing `Ctrl+F5`. Your Clients will not appreciate this but may be faced with it if you are frequently updating.
- **As a Designer:** Adding ***HTML meta tags*** is a possible route before the final delivery.
Add the following to `Web Properties > Website > Meta Text > HTML Code (head)` :

```
<meta http-equiv="Cache-Control" content="no-store, no-store, must-re
<meta http-equiv="Pragma" content="no-cache" />
<meta http-equiv="Expires" content="0" />
```

👉 These **Tags** need to be removed at final delivery.

Server-side:

- **CloudFlare:** CloudFlare caches your JavaScript and CSS files. If you are able to turn on **development mode**, which is what I do, your problems should go away.

A suggested XDA Product Feature:

- Xara is commended to consider a **bundling** of all Cascading Style Sheets (CSS) and JavaScript (JS) files.

Yellow Bundle Extension ✂️, which includes a hashing approach...

- **Hashing:** Cloudflare advises it reverts `fred.css?anything` to `fred.css` so this approach is no work pursuing. The good news is `fred.hash.css` will work.

'hash' above is a hash of the file contents of fred.css.

Take the current `ani.css`, unchanged since 2015 in the Xara offering. An MD6 hash (Size 24 / Level 16) returns 0d4e71, so ani.css becomes `ani.0d4e71.css`.

Say now just the Copyright year was changed from 2015 to 2020, the file published would be `ani.6b9288.css`.

The point is ani.css would never be fetched from the server until its hash is different. Such a file could be set for a max-age of a year and be taken as immutable.

The files that change more frequently and are currently server-cached, like roe.js and the settings for the fonts used, are handled the same way; there would just be more hashed versions on the server but they are fairly small and when development is done, purged.

A great read is **Cache-control for Civilians**✍️.

This article, **Troubleshooting Caching**✍️, is more for Xara to suggest how it could be introduced into its coding environment.

👉 Xara has failed to respond to this approach. See **Re: Refreshing Xara Resources**✍️.

About Acorn

Acorn is a highly qualified **IT** Business Consultant with a wide range of capabilities.
⚡

His *website delivery* passion is the *accomplished* but niche **XDA**✍️.

He prefers *simple websites* that deliver content appropriate to the subject matter.

In this website, **Acorn** uses **DatenStrom Yellow**✍️, a powerful **CMS**.

Typical content is delivered using **Markdown** and formatting with **HTML**.

- Run **PageSpeed Insights**✍️ or Use your browser's Developer Tools (**F12**) --> Lighthouse

” Clarity and performance can be agreeable bed-fellows

← Previous: Font Awesome

Tags: **Ctrl+F5**, **cache**, **server-side**, **client-side**, **browser**

This Site is maintained by **Acorn**



Acornucopia