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Res Timing File Enumeration Without JavaScript in IE7.0

I've been meaning to post this since Blackhat last year, but I just finally got around to posting a working example. Using [David Byrne's res:// timing trick](#) and a hybrid of [Jeremiah's META refresh blocking](#) I was able to do the same thing David was but without JavaScript. Oh how funky it is though!

[Here's the demo \(only works in IE7.0\)](#). The timing is large enough so that you can actually see a difference (varies between a 5 and 15 second difference for me per link - for reasons I am still unsure of). But it's a big enough difference that it should be possible to measure the file's presence. The hard part is keeping it going without a user noticing that their browser locked up on them for the many seconds required to run. Pretty funky demo, and normally I'd probably set a cookie to keep the data but I got bored of writing the demo since I don't think it's especially practical. But you get the idea.

In other news, I should also mention that I got back from [the Minnesota OWASP meeting](#). I was really surprised to see how many people came out to see me (probably 75 or so). All really nice people and I was impressed by Kuai and the entire setup. Very nicely done. I think my slides will be posted today or tomorrow. I guess Bruce Schneier spoke there the month before I did, so these guys definitely have got their eye on the heavy hitters for those of you on the speaking circuit. I also spoke on [Minnesota Public Radio as well](#), which was kinda fun. I hope it continues to grow!

I missed Schmocon and DC Blackhat but here is the unofficial list of my upcoming cons: [Source Boston](#) (leading a panel), [RSACon 2008](#) (just visiting), [TRISC](#) (speaking), [Secure360](#) (speaking - unconfirmed), Super Secret SANS Conference to be talked about at a later date (speaking), OWASP Denver (speaking - unconfirmed), [World OWASP NYC 2008](#) (speaking). So yah, busy busy busy...

Recovery notes

Source evidence recovered on 2026-09-14. The earlier source capture (SHA-256 `58639d2fa29fba08a07a5705ce871abad6e6ae8dc3946ad1411fdf5a7352afb0`) is no longer available. This publication uses a separately preserved capture of the same document recorded on 2026-08-06 (SHA-256 `5db23fe7c522890609c5c2adb2538f96b85e33e9091431656f3fff58ea4c28bf`). The retained article text was checked against this replacement capture. All retained text agrees: combining res://timing with META-refresh blocking, IE7 demo, 5–15second timing gap and practical limitations. Conference paragraph also agrees. Existing capture-quality limitations remain recorded separately. The missing earlier capture remains documented in the archive history.

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