Full Disclosure: ...because you can't get enough of clickjacking

Full Disclosure: ...because you can't get enough of clickjacking - Michal Zalewski, seclists.org.

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Content

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...because you can't get enough of clickjacking

From: Michal Zalewski <lcamtuf () coredump cx> *Date*: Fri, 12 Mar 2010 22:28:01 -0800

[I promise to post something more interesting shortly - but in the
meantime, I wanted to drop a quick note about something kinda amusing.
]

There was a considerable amount of buzz around clickjacking [1] in the
past year or so. It is commonly believed that this simple attack can
only be realistically employed to exploit one-click UI actions. Alas,
a related vector is generally overlooked: JS focus semantics - a
source of considerable amount of grief in the past [2] - can be abused
to execute multi-step attacks by altering focus between a hidden frame
and the edited document while the user is simply typing something in.
No need for pixel-accurate positioning of the target, too.

Consider this whimsical proof-of-concept exploit (works on Windows,
WebKit-based browsers only):

http://lcamtuf.coredump.cx/focus-webkit/

It's not very serious, but more cuter than clickjacking proper. WebKit
focus behavior on Windows makes this particular PoC easier there, but
I believe that no browser is designed to counter this general attack
pattern in any particular way. The usual opt-in mitigations
(X-Frame-Options, frame busting) should offer a reasonable degree of
protection already.

[1] [http://code.google.com/p/browsersec/wiki/Part2#Arbitrary_page_mashups_%28UI_redressing%29](http://code.google.co
[2] http://lcamtuf.coredump.cx/focusbug/ and so forth

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Current thread:

- **...because you can't get enough of clickjacking** *Michal Zalewski (Mar 12)*