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- Published: date not stated
- Original: <http://ha.ckers.org/blog/20070210/iso-8895-1-vulnerable-in-firefox-to-null-injection/>
- Preserved from: http://ha.ckers.org/blog/20070210/iso-8895-1-vulnerable-in-firefox-to-null-injection/ (stored) on 2026-08-17
- Capture timestamp: 20070609173826
- Licence: unknown

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[[image: web application security lab]](http://ha.ckers.org/)

ISO-8895-1 Vulnerable in Firefox to Null Injection

This is one of the weirder vectors I've come across in a while, but since I've been the one touting the virtues of ISO-8895-1 for the last several months since we found all the issues in UTF-8 and US-ASCII I thought I should be fair and report another issue I came across. I was toying with the old UTF-16 vector today and randomly started iterating through other encoding methods in Firefox, when I came across another issue.

Internet Explorer has always allowed nulls anywhere you want in the code and it is gracefully ignored. Firefox, however, in all other cases other than UTF-16 (and who uses that anyway) breaks if you try to change the vector by adding nulls. So it appears that ISO-8895-1 was safe for Firefox from null injection. Until today that is. The code for this is very simple:

[[image: iso-8895-1 firefox XSS vector]](http://ha.ckers.org/images/iso-8895-1.png) Click to enlarge

Interesting... I'm not sure how useful it is, since it appears to be highly touchy in the amount of characters precede it and what exactly precedes it, but nevertheless I thought I should be full disclosure since I was the one who was touting it as more secure than UTF-8.

This entry was posted on Saturday, February 10th, 2007 at 9:21 pm and is filed under XSS, Webapp sec. You can follow any responses to this entry through the RSS 2.0 feed. You can leave a response, or trackback from your own site.

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