
Subject: Re: Svn changes over RSS feed
Posted by [dolik.rce](#) on Fri, 12 Feb 2010 18:57:37 GMT
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Hello all!

I had some free time today, so I decided make a little exercise in sed:#!/bin/bash

```
SVNPATH="/path/to/svn"
COUNT="25"
OUTPUT="/tmp/svnchanges.html"
```

```
header='1 c<html><head><script>\
function toggleFiles(id){\
var f=document.getElementById("f"+id);var a=document.getElementById("a"+id);\
if(f.style.display=="none"){f.style.display="block";a.innerHTML="Hide affected files";}\
else{f.style.display="none";a.innerHTML="Show affected files";}\
</script></head><body>\
# replace first line with header'
```

```
footer='$ a</body></html>\
# append footer after last line'
```

```
svn --limit $COUNT --verbose log $SVNPATH |\
sed -n \
-e "$header" \
-e '/-----*/ !{ # when the line IS NOT separator\
s/^ *A \(.*$\)/\1 (Added)<br>/\
s/^ *M \(.*$\)/\1 (Modified)<br>/ # formatting of affected files\
s/^ *D \(.*$\)/\1 (Removed)<br>/\
H #append everything between separators into hold space\
}' \
-e '/-----*/ { # when the line IS separator\
x # get string from hold space\
s/r/([0-9]*)[ ]*([^\s]*)[ ]*([0-9 :+~]*).*\nChanged paths:\n\(.*)\n\n\(.*)$/\
<table style="font-size:small;">\
<tr><td>Revision:</td><td><b>\1</b></td></tr>\
<tr><td>Description:</td><td><code>\5</code></td></tr>\
<tr><td>Submitted:</td><td><i>\3</i> by <i>\2</i></td></tr>\
<tr><td colspan="2">\
<a href="" id="a\1" onclick="toggleFiles(\1);return false;">Show affected files</a>\
<div id="f\1" style="display:none;margin-left:20px;">\4</div>\
</td></tr>\
</table><br>\
/p # this ugly substitution makes all the formatting\
s/.*/ / # clear pattern space\
x # clear hold space\
}' \
```

-e "\$footer" > \$OUTPUT

This script parses svn log into static html, which I hope will be simple to include somewhere in the pages (<iframe>?). It's just a "first iteration", so please don't look at the style too much. It will need few touches to get it in look fitting on the web, but that is the easier part.

I hope that the three variables on top of the script are self-explaining, so anyone can try this at home. Looking forward to your comments.

Best regards,
Honza
