

## Re: Problem with freewrap and encoding (please just give it a try)

*Source:* <http://coding.derkeiler.com/Archive/Tcl/comp.lang.tcl/2004-10/0484.html>

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*Date:* 10/18/04

Date: 18 Oct 2004 02:46:14 -0700

Hi Dennis,  
thanks a lot for your answer.

- > *OK, exactly what do you mean by "copying and pasting the following code"?*
- > *Those last few lines don't look like any special ASP stuff to me.*
- >
- > *And how does "copying and pasting" simulate the problems with some computer*
- > *code?*

By copying and pasting I meant copying the following HTML lines

```
<html>
<head>
</head>
<body>
<h1>Progetto n°</h1>
</body>
</html>
```

and saving them as "scheda0-orig.asp" (the name of the input file of my sample code). Sorry, I realize that this was not obvious. It is true that you don't see any ASP code in it. I created this short HTML-only file to show the problem I had by trying to filter out all ASP code contained in a ASP file. I had started with the following simple code:

```
##### routine STARTS here
set autoweb(filename) {scheda0-orig.asp}
set autoweb(filenameout) {scheda0-out.asp}

set fileId [open $autoweb(filename) "r"]
set htmlcontent [read $fileId]
close $fileId

# clean ASP code from html document
regsub -all {<%.*%>} $htmlcontent { } htmlcontent
```

comp.lang.tcl: Re: Problem with freewrap and encoding (please just give it a try)

```
# writes document back to local file
set parFileId [open $autoweb(filenameout) w]
puts $parFileId "${htmlcontent}"
close $parFileId
```

```
exit
##### routine ENDS here
```

Then I found that, by running the compiled version of this Tcl code, all special characters (such as the "°" character inside the <h1> tag) were replaced by some other chars. As an example, by running the compiled version, what I see in IE is the following:

Progetto ni<sup>3</sup>/<sub>4</sub>°

So, I tried to filter out those special chars by modifying the previous routine as follows:

```
##### new routine STARTS here
set autoweb(filename) {scheda0-orig.asp}
set autoweb(filenameout) {scheda0-out.asp}

set fileId [open $autoweb(filename) "r"]
set htmlcontent [read $fileId]
close $fileId

# creates string map array
set cmap {}
for {set i 161} {$i < 256} {incr i} {
lappend cmap [format "%c" $i] "&#x${i};"
}

# convert special characters to HTML codes
set htmlcontent [string map $cmap $htmlcontent]

# clean ASP code from html document
regsub -all {<%.*%>} $htmlcontent {} htmlcontent

# writes document back to local file
set parFileId [open $autoweb(filenameout) w]
puts $parFileId "${htmlcontent}"
close $parFileId

exit
##### new routine ENDS here
```

But I had no luck at all.

By doing some experiments, I then verified that by running the SOURCE tcl code by simply doubleclicking on it the problem doesn't show up (at least on my windows 2000 PC, English version).

Re: Problem with freewrap and encoding (please just give it a try)

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I then found an answer of yours from 2002 on this newsgroup concerning japanese characters. But that answer pointed to an old version of the howto page for freewrap. So, maybe, that solution can be good for me (I often use freewrap 4.4), but I have no way to check it.

Can you verify please if you see the same weird chars by running the sample Tcl code on the sample HTML code?

Thanks in advance for any help you can give me

Stefano