

Re: Trouble with \$key to HASH when Numeric

Source: <http://coding.derkeiler.com/Archive/Perl/comp.lang.perl/2005-03/0031.html>

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Date: 03/04/05

Date: Fri, 04 Mar 2005 11:52:35 -0800

In article <1109910394.228477.60470@141g2000cwc.googlegroups.com>, CowBoyCraig <simpsonc@us.ibm.com> wrote:

> *It seems if I "Change" the \$key going to if ""(exists(\$GREEN{\$key}))""*
> *at all It hoses. The keys look like "19973/3.1.A.4" without the quotes.*

Can you be more specific? "hoses" is not a good description of an error condition.

>
>
> *If I print like this "print GREEN{\$key}\n"; to see what the Hash is*
> *getting it looks like this:*
> *}REEN{12483/3.1.B.2*

Looks like your key has a carriage return ('\r') at the end.

>
> *That is odd? Is there a way to send my data to the hash without it*
> *getting hoses???*

One does not "send data" to a hash. Can you be more specific about what you are trying to do?

>
> *Code below:*
>
> use strict;
> use warnings;

>
> *foreach (keys %HOT) {*
>
> *# 6AE-23945: 4.1.B.6 # Fix this*
> *# Make a Key for %GREEN from %HOT that works*
> *my \$i=\$_;*
> *\$i=~/(d{5}?)\$/g;*

comp.lang.perl: Re: Trouble with \$key to HASH when Numeric

What do you think this statement is doing? It has a couple of oddities:

1) the pattern `/(\d{5}?)$/` will match zero or one group of 5 digits at the end of a string — in other words, this pattern will always match and capture either 5 digits or nothing; 2) the pattern is anchored to the end of the string, yet you are asking for all matches with the `g` modifier (there can only be one end of string unless you specify the `m` modifier, which you do not).

```
> $i=$1;
```

You may have 5 digits in \$1, or you may have nothing. You should check to see which it is (or fix your regex).

```
>
> my $key="$i/$HOT{$_}";
> #print "$GREEN{$key}\n";
>
> if (exists($GREEN{$key})) {
> # Remove from %GREEN
> # remove $KEY and its value from %HASH
> print "Removed $GREEN{$key}\n";
> delete($GREEN{$key});
> } else { # print "did not see\n";
> }
> }
```

Please post a complete, working program and tell us what you think it is doing that it is not. But post it to `comp.lang.perl.misc`, because this newsgroup is defunct.

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