

Text parsing and substitution

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- *From:* maheshpop1@xxxxxxxxxx
 - *Date:* 19 May 2006 03:17:22 -0700
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Hi guys,

I am doing this module where I am gonna change the following sentence

```
"1:action=commit:user=joe:date=2005-02-02:"  
"2:action=checkout:user=mark:date=2005-02-03:"
```

to something like

```
" 1. Commits by user Joe on date 2005-02-02 "  
" 2. Checkouts by user Joe on date 2005-02-03"
```

making the above text a little bit more readable to the user. I started off with a program which finds out the different key value pairs and and based on the values append/create a string with appropriate words like

pseudocode only

```
parse the line,  
load a hashmap with the key, value pairs  
if(hash{action}=='commit') <---this is a mandatory field  
string.="Commits"  
if(defined hash{user})  
string.="by hash{user})  
if(defined hash{date})  
string.="on date hash{date}"  
.....  
.....  
if(hash{action}=='checkout') <---this is a mandatory field  
string.="Commits"  
if(defined hash{user})  
string.="by hash{user})  
if(defined hash{date})  
string.="on date hash{date}"  
.....  
.....
```

I was thinking this sort of logic but a little apprehensive how elastic it can be as I would be addressing so many actions and seperate if blocks for all of them. Any suggestions or ideas on how to better

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achieve what I want to do above.

cheers,

pop.

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