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Subject: Re: Cmake end with an error message.  
Posted by [Anonymous Poster](#) on Thu, 29 Nov 2007 15:29:28 GMT  
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Hi Florian,

you are right. The entry /home/kph/sokolov/geant4/bin/Linux-g++ in the PATH cause an error.

Therefore I would suggest to modify the UNIQUE macro as following:  
MACRO(UNIQUE var\_name list)

```
#####  
# Make the given list have only one instance of each unique element and  
# store it in var_name.  
#####  
  
SET(unique_tmp "")  
FOREACH(I ${list})  
  STRING(REGEX REPLACE "[+]" "\\++" I1 ${I})  
  IF(NOT "${unique_tmp}" MATCHES "(^|;){I1}(:|$)")  
    SET(unique_tmp ${unique_tmp} ${I1})  
  ENDIF(NOT "${unique_tmp}" MATCHES "(^|;){I1}(:|$)")  
ENDFOREACH(I)  
SET(${var_name} ${unique_tmp})  
ENDMACRO(UNIQUE)
```

It will screen each + symbol with \ and problem should disappear.

Also I would propose modify the WriteConfigFile.cmake as follow:

```
<skipped>  
SET (PATH ${ROOTSYS}/bin:${PATH})  
STRING(REGEX MATCHALL "[^:]+" PATH1 ${PATH})  
MESSAGE("PATH :${PATH1}")  
UNIQUE(PATH "${PATH1}")  
CONVERT_LIST_TO_STRING(${PATH})  
<skipped>  
otherwise the is no sence to use UNIQUE macro at all.
```

Best regards,

Andrey

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