

Redmine - Defect #6349

some problem: wt-3.1.4/CMakeList.txt with cmake 2.8.2

2010-09-10 05:13 - DQ Qin

Status:	Closed	Start date:	2010-09-10
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Invalid		

Description

i use cmake 2.8.2 to build wt-3.1.4 on Windows and Fedora linux  
i found some problem:

1. on Windows(vc9):

wt-3.1.4/examples/CMakeLists.txt, see the bold code:

```
...  
MACRO(WT_ADD_EXAMPLE name)  
  IF(${EXAMPLES_CONNECTOR} STREQUAL "wtisapi")  
    LIST(INSERT ${ARGV} 1 "SHARED")  
    ADD_LIBRARY(${ARGV})  
    SET_TARGET_PROPERTIES(${name}  
      PROPERTIES LINK_FLAGS  
        "/EXPORT:HttpExtensionProc /EXPORT:GetExtensionVersion /EXPORT:TerminateExtension")  
  ELSE(${EXAMPLES_CONNECTOR} STREQUAL "wtisapi")  
    ADD_EXECUTABLE(${ARGV})  
  ENDIF(${EXAMPLES_CONNECTOR} STREQUAL "wtisapi")  
  TARGET_LINK_LIBRARIES(${name} ${EXAMPLES_CONNECTOR})  
ENDMACRO(WT_ADD_EXAMPLE)  
...
```

perhaps the \${ARGV} is readonly in cmake 2.8.2  
so the "SHARED" can't be inserted into \${ARGV}  
the all examples in wt.sln(for vc9) will configured as static lib

change the code

```
LIST(INSERT ${ARGV} 1 "SHARED")  
ADD_LIBRARY(${ARGV})
```

to this:

```
SET(TEMPLIST ${ARGV})  
LIST(INSERT TEMPLIST 1 "SHARED")  
ADD_LIBRARY(${TEMPLIST})
```

the wt.sln will be OK

2. on Fedora linux(gcc, apache-2.2.16, mod\_fcgi, wtfcgi...)

/wt-3.1.4/CMakeLists.txt, find this code:

```
SET(RUNDIR "/var/run/wt" CACHE PATH  
  "Default path for wt session management "  
  "(only used by FCGI connector; not relative to CMAKE_INSTALL_PREFIX)")
```

this code will cause a VERY long name directory at examples' runtime, such as:

```
/var/run/wt; CACHE PATH ;Default path for wt session management ; (only used by FCGI connector; not
relative to CMAKE_INSTALL_PREFIX)
```

but NOT expected

```
/var/run/wt
```

change the code to

```
SET(RUNDIR "/var/run/wt" CACHE PATH
    "Default path for wt session management (only used by FCGI connector; not relative to CMAKE_I
NSTALL_PREFIX) ")
```

cause the comment only one pair of "", will solve the problem  
Is it cmake-2.8.2's bug?

## History

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### #1 - 2010-09-10 05:28 - DQ Qin

sorry  
i enter the wrong place  
please delete it.

### #2 - 2010-09-10 05:50 - Diogo Augusto da Silva Spina

- % Done changed from 0 to 100

### #3 - 2010-09-10 05:59 - Azamat Hackimov

- Status changed from New to Closed  
- Resolution set to Invalid