

## Robotics Systems Commons - Bug #1220

### CURRENT\_DATE function seems to fail on Windows

10/25/2012 04:41 PM - J. Moringen

<b>Status:</b>	Resolved	<b>Start date:</b>	10/25/2012
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	J. Wienke	<b>% Done:</b>	100%
<b>Category:</b>	cmake	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	rsb-0.9		
<b>Description</b>			
V. Losing schrieb:  <i>Beim generieren des VS-Projects für rsb selbst, kommt der Fehler dass die Variable "CURRENT_DATE" nicht gefunden werden kann</i>			

#### Associated revisions

##### Revision b37b0d2a - 11/14/2012 04:39 PM - J. Wienke

Fix implementation of the CMake function CURRENT\_DATE for windows.

Shell-built-in functions cannot be called directly by CMake's execute\_process. Instead, cmd.exe needs to be called to execute the built-in function.

refs #1220

##### Revision fc3516ba - 11/14/2012 04:47 PM - J. Wienke

Backport: Fix implementation of the CMake function CURRENT\_DATE for windows.

Shell-built-in functions cannot be called directly by CMake's execute\_process. Instead, cmd.exe needs to be called to execute the built-in function.

fixes #1220

##### Revision 207485ed - 11/14/2012 05:17 PM - J. Wienke

Disable CURRENT\_DATE support for windows.

There is no easy to implement way to get the current date on windows. Make the warning a status message to not confuse users

refs #1220

##### Revision 6e82bb68 - 11/14/2012 05:18 PM - J. Wienke

Backport: Disable CURRENT\_DATE support for windows.

There is no easy to implement way to get the current date on windows. Make the warning a status message to not confuse users

refs #1220

#### **Revision c43dda11 - 05/22/2013 12:13 PM - J. Wienke**

Add support for Windows in the cmake CURRENT\_DATE function.

This uses a batch script calling the WMI host to acquire a parseable date which is not localized by windows.

fixes #1220

## **History**

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### **#1 - 10/30/2012 08:12 AM - J. Wienke**

can someone please provide the cmake output indicating the failure?

### **#2 - 11/04/2012 10:55 AM - V. Losing**

Here is the cmake output:

CMake Warning at cmake/Modules/CurrentDate.cmake:42 (MESSAGE):

error calling date command

Call Stack (most recent call first):

CMakeLists.txt:30 (CURRENT\_DATE)

### **#3 - 11/04/2012 10:58 AM - J. Wienke**

Do you have cygwin or something comparable installed which provides unix tools? Can you run a terminal please and show the output of ``date``, ``date -h`` and ``date /h``?

### **#4 - 11/04/2012 11:11 AM - V. Losing**

no i haven't installed cygwin or something compareable.

i've added a description link to the date.exe of windows

<http://ss64.com/nt/date.html>

when i just call "date" i'm requested to provide the current date.

"date /T" delivers the current date

### **#5 - 11/04/2012 12:27 PM - J. Wienke**

- File CMakeCache.txt added

This is weird. Actually this is exactly what the macro should be doing. Depending on the operating system, different arguments should be chosen.

Could you please try the attached CMakeListst.txt to see if the test works well. Just put it somewhere and let cmake run on it. Afterwards, please paste the output of cmake to this issue.

**#6 - 11/14/2012 04:38 PM - J. Wienke**

- *Status changed from New to In Progress*

**#7 - 11/14/2012 04:47 PM - J. Wienke**

- *Status changed from In Progress to Resolved*

- *% Done changed from 0 to 100*

Applied in changeset rsc|commit:fc3516ba993c2f095ee3e55b51095a792009f6e6.

**#8 - 11/14/2012 05:04 PM - J. Wienke**

- *Status changed from Resolved to In Progress*

Narf, the date command on windows outputs the date in the local format and there is no way to tell it to use a fixed format.

**#9 - 11/14/2012 05:30 PM - J. Wienke**

- *Priority changed from Normal to Low*

- *% Done changed from 100 to 40*

There is now at least a workaround for windows without a warning.

**#10 - 05/22/2013 01:43 PM - J. Wienke**

- *Status changed from In Progress to Resolved*

- *% Done changed from 40 to 100*

Applied in changeset rsc|commit:c43dda11ab8272b8404e72cdb64a67d49672b98a.

**Files**

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CMakeCache.txt	10.7 KB	11/04/2012	J. Wienke
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