
Subject: [BUG] Heap leak in SysExec package
Posted by [masu](#) on Mon, 27 Jan 2014 17:36:04 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi,

there is a heap leak in SysExec.cpp originating from not freeing argv and envv pointers at the end of SysExec function.

In addition I propose to introduce a flag DELETE_TMP_FILES or something similar to delete created tmp files when SysExec finishes. The reason for this request is that I have a program that repeatedly calls SysExec and therefore the directory containing tmp files ends up unnecessarily containing a lot of them.

The proposed patch is attached.

[edit] Wherever BuildArgs or BuildEnv are called the pointers need to be freed e.g., also in SudoLib.cpp.

Regards
Matthias

File Attachments

1) [SysExec.cpp.patch](#), downloaded 459 times

Subject: Re: [BUG] Heap leak in SysExec package
Posted by [mdelfede](#) on Tue, 04 Feb 2014 07:58:08 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Masu,

I'll check your patch on next days.

Did you test it deeply ? I'm not sure if it's correct to free the pointers on caller's side.... I'm not sure if a copy is made by the call for SysExecXXX functions that don't wait for command completion.

Ciao

Max

Subject: Re: [BUG] Heap leak in SysExec package
Posted by [masu](#) on Thu, 20 Mar 2014 21:19:38 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Max,

sorry for replying that late.

Yes, my patch is not right if you use it without waiting for command completion.

I will try to think of a solution (hopefully this time it will not last that long).

Regards
Matthias
