

Backport193 - Backport #7746

Backport NSGetEnviron()/setproctitle.c fix for macosx

01/28/2013 08:06 AM - docwhat (Christian Höltje)

Status:	Closed
Priority:	Normal
Assignee:	usa (Usaku NAKAMURA)
Description	
<p>The fix for issue #6576 should be back ported to 1.9.3 as well. Without it you cannot build shared ruby libraries that work reliably. An example of this breakage is compiling something that uses the embedded library like vim; it crashes the instance vim tries to use ruby.</p> <p>Here's the patch needed:</p> <pre>diff --git a/missing/setproctitle.c b/missing/setproctitle.c index 169ba8b..4dc6d03 100644 --- a/missing/setproctitle.c +++ b/missing/setproctitle.c @@ -48,6 +48,12 @@ #endif #include +#if defined(APPLE) +#include +#undef environ +#define environ (_NSGetEnviron()) +#endif + #define SPT_NONE 0 /don't use it at all / #define SPT_PSTAT 1 /use pstat(PSTAT_SETCMD, ...) / #define SPT_REUSEARGV 2 /cover argv with title information */</pre>	

Associated revisions

Revision 4be94836 - 02/06/2013 05:13 AM - usa (Usaku NAKAMURA)

merge revision(s) 36151: [Backport #7746]

```
* missing/setproctitle.c (environ): use (*_NSGetEnviron()) instead of
environ on Darwin for namespace cleanness, same as [ruby-core:00537].
[ruby-core:45615] [Bug #6576]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@39091 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 39091 - 02/06/2013 05:13 AM - usa (Usaku NAKAMURA)

merge revision(s) 36151: [Backport #7746]

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* missing/setproctitle.c (environ): use (*_NSGetEnviron()) instead of
environ on Darwin for namespace cleanness, same as [ruby-core:00537].
[ruby-core:45615] [Bug #6576]
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History

#1 - 01/28/2013 05:12 PM - kosaki (Motohiro KOSAKI)

Confused. Mac OS X has native setproctitle(). I think missing/setproctitle.c shouldn't be used.

#2 - 02/02/2013 10:17 AM - jacknagel (Jack Nagel)

kosaki (Motohiro KOSAKI) wrote:

Confused. Mac OS X has native setproctitle(). I think missing/setproctitle.c shouldn't be used.

At least 10.6 does not have setproctitle().

#3 - 02/02/2013 11:31 AM - kosaki (Motohiro KOSAKI)

- Status changed from Open to Assigned
- Assignee changed from kosaki (Motohiro KOSAKI) to usa (Usaku NAKAMURA)

OK, ack then.
Usa-san, I think r36151 can be apply cleanly.

#4 - 02/06/2013 02:13 PM - usa (Usaku NAKAMURA)

- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset [r39091](#).
Christian, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 36151: [Backport [#7746](#)]

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* missing/setproctitle.c (environ): use (*_NSGetEnviron()) instead of
  environ on Darwin for namespace cleanness, same as [ruby-core:00537].
  [ruby-core:45615] [Bug #6576]
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