Ruby - Bug #6715

Dir.mktmpdir fails if you delete it yourself

07/10/2012 11:12 AM - mitchellh (Mitchell Hashimoto)

Status:	Rejected		
Priority:	Normal		
Assignee:			
Target version:			
ruby -v:	1.9.3-p125	**Backport:**	

Description

Dir.mktmpdir when given a block will call FileUtil.remove_entry_secure in the ensure section. If the contents of the block happens to move/delete/modify that folder, then that will fail with Errno::ENOENT. I believe the correct behavior in this case should be to successfully return, since the folder is clearly gone in some way.

History

#1 - 07/14/2012 06:23 PM - akr (Akira Tanaka)

2012/7/10 mitchellh (Mitchell Hashimoto) mitchell.hashimoto@gmail.com:

> Dir.mktmpdir when given a block will call FileUtil.remove_entry_secure in the ensure section. If the contents of the block happens to move/delete/modify that folder, then that will fail with Errno::ENOENT. I believe the correct behavior in this case should be to successfully return, since the folder is clearly gone in some way.

I think such application may remove another application's temporary
directory unintentionally.

After you remove the directory, another application may create a
directory with same name.
Then Dir.mktmpdir {} removes that.

**If an application itself removes a temporary directory, Dir.mktmpdir
without a block should be used.
It avoids the problem above because Dir.mktmpdir without a block
doesn't remove the directory anyway.**

Tanaka Akira

#2 - 07/14/2012 06:24 PM - akr (Akira Tanaka)

- Status changed from Open to Rejected