Subject: [PATCH] tmpfs free_inodes leak
Posted by dim on Tue, 06 Dec 2005 15:00:57 GMT
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Patch from mainstream:

[PATCH] tmpfs free_inodes leak

When new_inode failed, shmem_get_inode forgot to restore free_inodes.

Signed-off-by: Hugh Dickins <hugh@veritas.com>
Signed-off-by: Andrew Morton <akpm@osdl.org>
Signed-off-by: Linus Torvalds <torvalds@osdl.org>

--
Thanks,
Dmitry.

```
diff -Naru a/mm/shmem.c b/mm/shmem.c
--- a/mm/shmem.c 2005-12-06 06:49:37 -08:00
+++ b/mm/shmem.c 2005-12-06 06:49:37 -08:00
@@ -1314,6 +1314,10 @@
   case S_IFLNK:
    break;
   }
+ } else if (sbinfo) {
+  spin_lock(&sbinfo->stat_lock);
+  sbinfo->free_inodes++;
+  spin_unlock(&sbinfo->stat_lock);
  }
  return inode;
 }
# This is a BitKeeper generated diff -Nru style patch.
#
# ChangeSet
#   2004/11/15 19:54:18-08:00 hugh@veritas.com
#   [PATCH] tmpfs free_inodes leak
#
#   When new_inode failed, shmem_get_inode forgot to restore free_inodes.
#
#   Signed-off-by: Hugh Dickins <hugh@veritas.com>
#   Signed-off-by: Andrew Morton <akpm@osdl.org>
#   Signed-off-by: Linus Torvalds <torvalds@osdl.org>
#
# mm/shmem.c
#   2004/11/15 19:29:07-08:00 hugh@veritas.com +4 -0
#   tmpfs free_inodes leak
#
```

File Attachments

1) diff-ms-shmem-stat-20051206, downloaded 732 times