Subject: [PATCH] change inotifyfs magic as the same magic is used for futexfs
Posted by Andrey Mirkin on Fri, 21 Sep 2007 13:35:43 GMT
View Forum Message <> Reply to Message

From: Andrey Mirkin <major@openvz.org>

Right now futexfs and inotifyfs have one magic 0xBAD1DEA, that looks a little
bit confusing.
Use 0xBAD1DEA as magic for futexfs and 0x2BAD1DEA as magic for inotifyfs.

Signed-off-by: Andrey Mirkin <major@openvz.org>

```
diff --git a/fs/inotify_user.c b/fs/inotify_user.c
index 9bf2f6c..9b1a195 100644
--- a/fs/inotify_user.c
+++ b/fs/inotify_user.c
@@ -684,7 +684,7 @@ static int
 inotify_get_sb(struct file_system_type *fs_type, int flags,
        const char *dev_name, void *data, struct vfsmount *mnt)
 {
- return get_sb_pseudo(fs_type, "inotify", NULL, 0xBAD1DEA, mnt);
+ return get_sb_pseudo(fs_type, "inotify", NULL, INOTIFYFS_MAGIC, mnt);
 }

 static struct file_system_type inotify_fs_type = {
diff --git a/include/linux/futex.h b/include/linux/futex.h
index 9965035..89611cc 100644
--- a/include/linux/futex.h
+++ b/include/linux/futex.h
@@ -3,6 +3,8 @@ #define _LINUX_FUTEX_H

 #include <linux/sched.h>

+#define FUTEXFS_MAGIC 0xBAD1DEA
+
 union ktime;

 /* Second argument to futex syscall */
diff --git a/include/linux/inotify.h b/include/linux/inotify.h
index d4f48c6..2579c4d 100644
--- a/include/linux/inotify.h
+++ b/include/linux/inotify.h
@@ -9,6 +9,8 @@ #define _LINUX_INOTIFY_H

 #include <linux/types.h>
```

```
+#define INOTIFYFS_MAGIC 0x2BAD1DEA
+
 /*
  * struct inotify_event - structure read from the inotify device for each
event
  *
diff --git a/kernel/futex.c b/kernel/futex.c
index e8935b1..6b57355 100644
--- a/kernel/futex.c
+++ b/kernel/futex.c
@@ -2074,7 +2074,7 @@ static int futexfs_get_sb(struct file_sy
      int flags, const char *dev_name, void *data,
      struct vfsmount *mnt)
 {
- return get_sb_pseudo(fs_type, "futex", NULL, 0xBAD1DEA, mnt);
+ return get_sb_pseudo(fs_type, "futex", NULL, FUTEXFS_MAGIC, mnt);
 }

 static struct file_system_type futex_fs_type = {
```