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new/usr/src/uts/common/fs/zfs/zfs_ioctl.c

3973 zfs_ioc_rename alters passed in zc->zc_name

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unchanged_portion_omitted

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3533 /*
3534  * inputs:
3535  * zc_name      old name of dataset
3536  * zc_value     new name of dataset
3537  * zc_cookie    recursive flag (only valid for snapshots)
3538  *
3539  * outputs:     none
3540  */
3541 static int
3542 zfs_ioc_rename(zfs_cmd_t *zc)
3543 {
3544     boolean_t recursive = zc->zc_cookie & 1;
3545     char *at;
3546
3547     zc->zc_value[sizeof (zc->zc_value) - 1] = '\0';
3548     if (dataset_namecheck(zc->zc_value, NULL, NULL) != 0 ||
3549         strchr(zc->zc_value, '%'))
3550         return (SET_ERROR(EINVAL));
3551
3552     at = strchr(zc->zc_name, '@');
3553     if (at != NULL) {
3554         /* snaps must be in same fs */
3555         int error;
3556
3557 #endif /* ! codereview */
3558         if (strncmp(zc->zc_name, zc->zc_value, at - zc->zc_name + 1))
3559             return (SET_ERROR(EXDEV));
3560         *at = '\0';
3561         if (zc->zc_objset_type == DMU_OST_ZFS) {
3562             error = dmuf_objset_find(zc->zc_name,
3563                                     int error = dmuf_objset_find(zc->zc_name,
3564                                                             recursive_unmount, at + 1,
3565                                                             recursive ? DS_FIND_CHILDREN : 0);
3566             if (error != 0) {
3567                 *at = '@';
3568                 if (error != 0)
3569                     return (error);
3570             }
3571         }
3572         error = dsl_dataset_rename_snapshot(zc->zc_name,
3573                                             at + 1, strchr(zc->zc_value, '@') + 1, recursive);
3574         *at = '@';
3575
3576         return (error);
3577     } else {
3578         return (dsl_dataset_rename_snapshot(zc->zc_name,
3579                                             at + 1, strchr(zc->zc_value, '@') + 1, recursive));
3580     } else {
3581         if (zc->zc_objset_type == DMU_OST_ZVOL)
3582             (void) zvol_remove_minor(zc->zc_name);
3583         return (dsl_dir_rename(zc->zc_name, zc->zc_value));
3584     }
3585 }

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