

```
graph TD; 0[0: append(branch.lock)] --> 4[4: rename(branch.lock, x/branch)]; 1[1: append(branch.lock)] --> 3[3: append(logs/HEAD)]; 2[2: append(logs/branch)] --> 3;
```

0 append(branch.lock)
1 append(branch.lock)
2 append(logs/branch)
3 append(logs/HEAD)
4 rename(branch.lock, x/branch)

Vulnerable on file systems:

ext2, ext3-writeback, ext4-writeback,
ext4-ordered, btrfs, xfs, reiserfs-nolog,
reiserfs-writeback

Not vulnerable on file systems:

ext3-ordered, ext3-journal,
ext4-nodelalloc, ext4-journal, xfs-wsync,
reiserfs-ordered, reiserfs-journale