

## Kernel

```
> sys_unlink()
> fuse_unlink()
  [get request from
    fc->unused_list]
> request_send()
  [queue req on fc->pending]
  [wake up fc->waitq]
> request_wait_answer()
  [sleep on req->waitq]
```

[woken up]

```
< request_wait_answer()
  < request_send()
    [add request to
      fc->unused_list]
  < fuse_unlink()
< sys_unlink()
```

## FUSE filesystem daemon

```
read from /dev/fuse
> sys_read()
  > fuse_dev_read()
  > fuse_dev_do_read()
    > request_wait()
      [sleep on fc->waitq]
```

[woken up]

```
< request_wait()
  [remove req from fc->pending]
  [copy req to read buffer]
  [add req to fc->processing]
  < fuse_dev_do_read()
  < fuse_dev_read()
< sys_read() returns
```

[perform unlink]

```
> sys_write()
  [look up req in fc->processing]
  [remove from fc->processing]
  [copy write buffer to req]
  [wake up req->waitq]
  < fuse_dev_write()
  < sys_write()
```