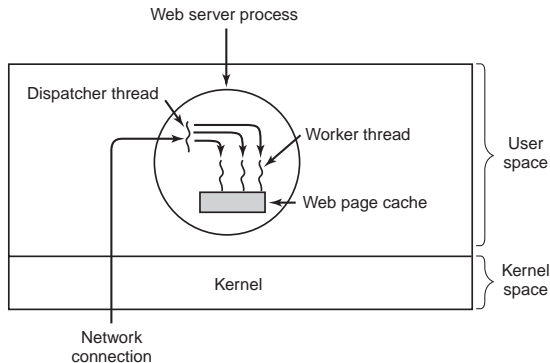# A Multi-threaded Web Server


```
while (TRUE) {
    get_next_request(&buf);
    handoff_work(&buf);
}

            (a)
```

```
while (TRUE) {
    wait_for_work(&buf)
    look_for_page_in_cache(&buf, &page);
    if (page_not_in_cache(&page))
        read_page_from_disk(&buf, &page);
    return_page(&page);
}
            (b)
```