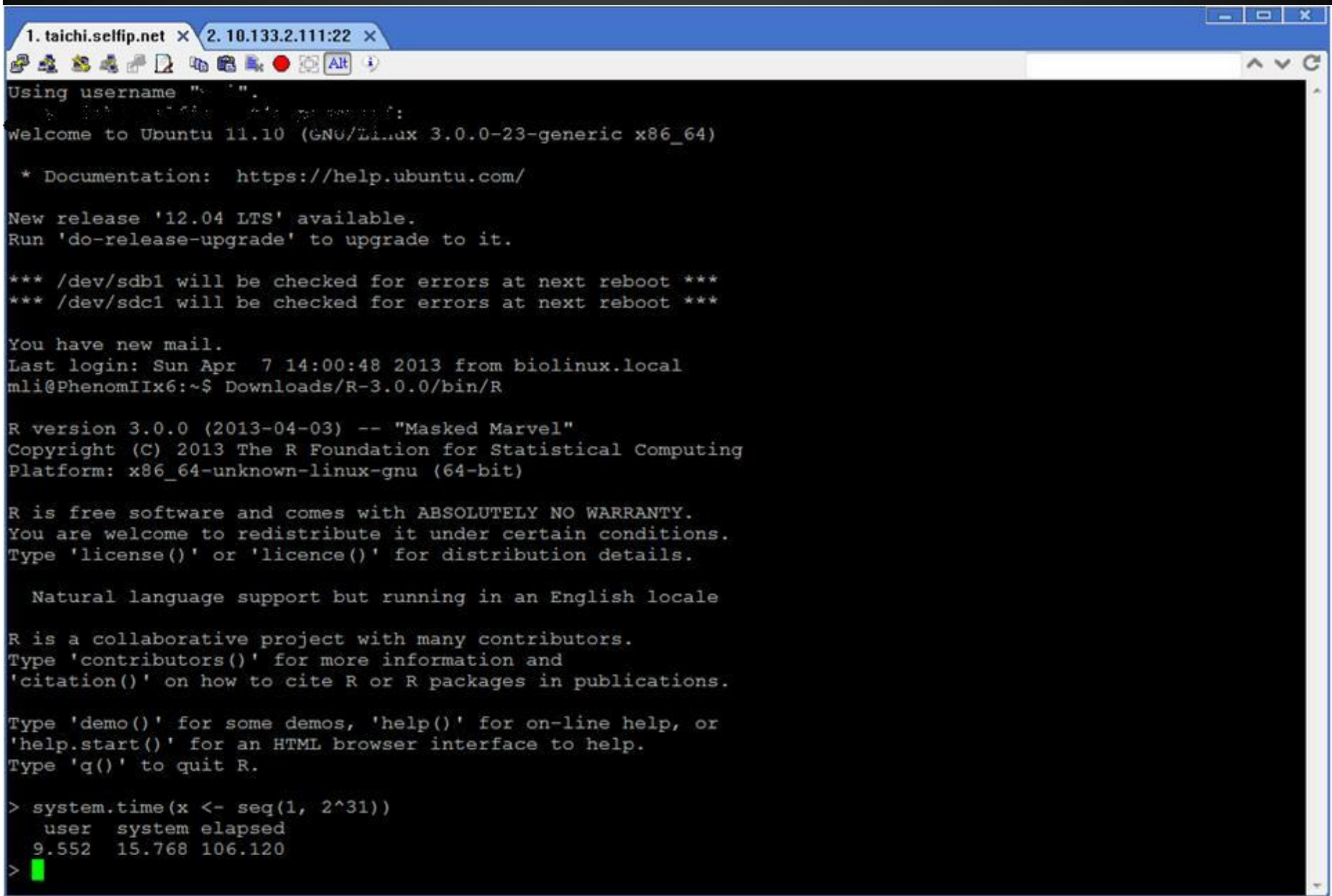


**R 3.0.0 with index of size
 2^{31}**

MC LI 4/8/2013

Ubuntu with 16GB RAM



The image shows a terminal window with a blue title bar. The title bar contains two tabs: "1. taichi.selfip.net" and "2. 10.133.2.111:22". Below the title bar is a toolbar with various icons. The terminal content is as follows:

```
Using username "mli".
Welcome to Ubuntu 11.10 (GNU/Linux 3.0.0-23-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

New release '12.04 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

*** /dev/sdb1 will be checked for errors at next reboot ***
*** /dev/sdc1 will be checked for errors at next reboot ***

You have new mail.
Last login: Sun Apr  7 14:00:48 2013 from biolinux.local
mli@PhenomIIX6:~$ Downloads/R-3.0.0/bin/R

R version 3.0.0 (2013-04-03) -- "Masked Marvel"
Copyright (C) 2013 The R Foundation for Statistical Computing
Platform: x86_64-unknown-linux-gnu (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

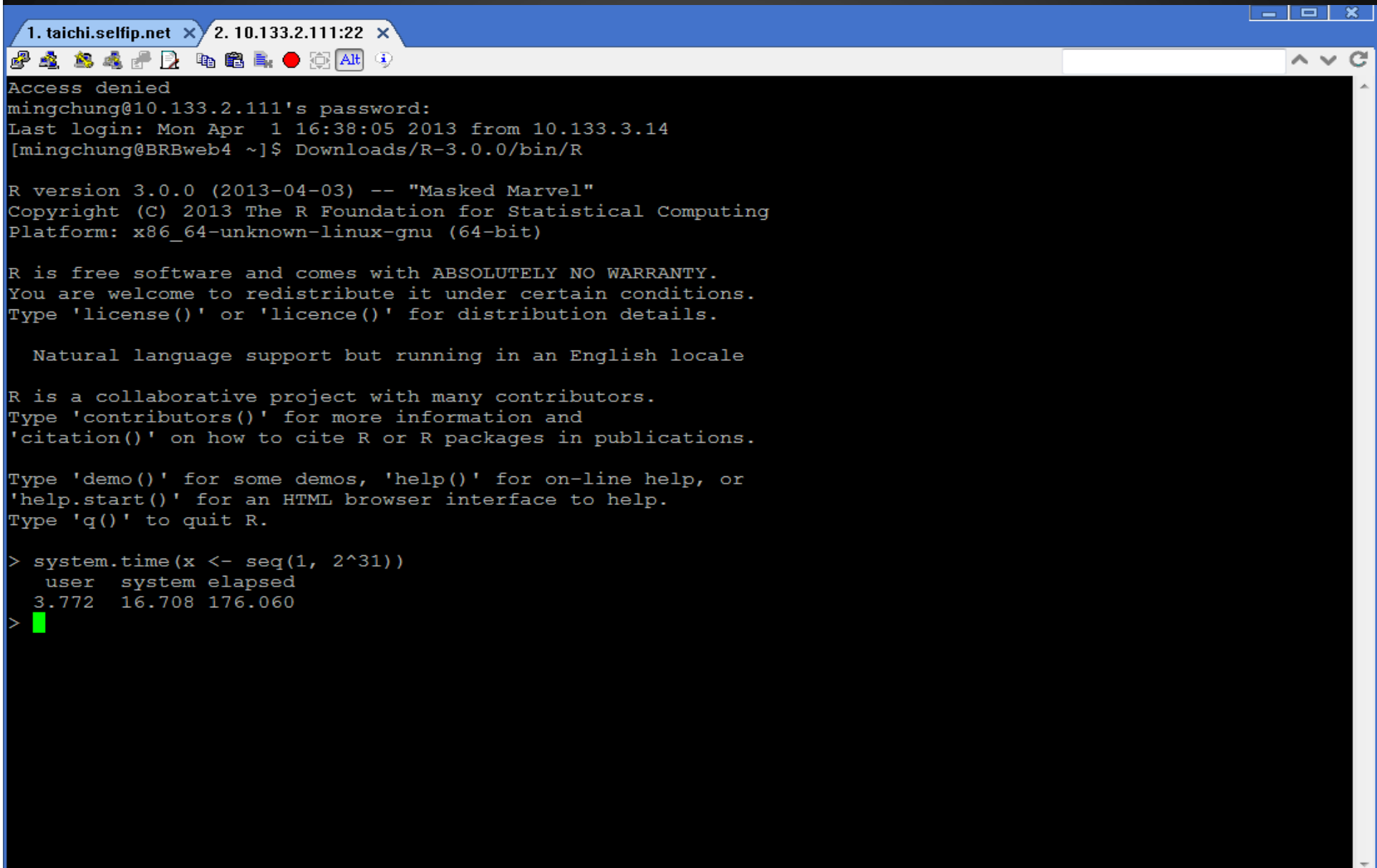
Natural language support but running in an English locale

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> system.time(x <- seq(1, 2^31))
   user  system elapsed 
 9.552  15.768 106.120 
>
```

RHEL with 12 GB RAM



A terminal window with two tabs: '1. taichi.selfip.net' and '2. 10.133.2.111:22'. The terminal shows a login attempt for 'mingchung' at '10.133.2.111'. After a password prompt, the user logs in. The prompt changes to '[mingchung@BRBweb4 ~]\$'. The user runs 'Downloads/R-3.0.0/bin/R'. The terminal displays the R version 3.0.0 (2013-04-03) -- "Masked Marvel" and its copyright information. It then shows the R startup message, including the warranty disclaimer and instructions on how to use R. Finally, the user runs the command '> system.time(x <- seq(1, 2^31))' and the output shows the user, system, and elapsed times.

```
Access denied
mingchung@10.133.2.111's password:
Last login: Mon Apr  1 16:38:05 2013 from 10.133.3.14
[mingchung@BRBweb4 ~]$ Downloads/R-3.0.0/bin/R

R version 3.0.0 (2013-04-03) -- "Masked Marvel"
Copyright (C) 2013 The R Foundation for Statistical Computing
Platform: x86_64-unknown-linux-gnu (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

  Natural language support but running in an English locale

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> system.time(x <- seq(1, 2^31))
   user  system elapsed 
 3.772   16.708  176.060 
>
```