

Re: iterating over a list and printing

Source: <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2004-02/1595.html>

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Date: 02/11/04

Date: Wed, 11 Feb 2004 16:38:01 +0100

Bart Nessux wrote:

```
> ip_list = []
> inputFile = file('ips.txt', 'r')
> ip_list.append(inputFile.read())
```

You are reading the entire file in one big string and append it to the list which will always have one big item.

```
> inputFile.close()
> for i in ip_list:
> print "/sbin/ifconfig %s netmask 255.255.252.0 broadcast
> 128.173.123.255 up" %i
>
> The last line does not work. It prints the first part (/sbin/ifconfig),
> then the entire list of ips, then the second part (netmask 255.255.252.0
> broadcast 128.173.123.255 up). Any ideas on how to fix this? The desired
> results are to print a line for each IP.
>
> /sbin/ifconfig IP1 netmask 255.255.252.0 broadcast 128.173.123.255 up
> /sbin/ifconfig IP2 netmask 255.255.252.0 broadcast 128.173.123.255 up
> etc...
```

Assuming the file contains IPs one at a line, either initialize

```
ip_list = inputFile.readlines()
```

or entirely omit the intermediate list:
(untested)

```
for line in file("ips.txt"):
    print "/sbin/ifconfig %s netmask 255.255.252.0 broadcast 128.173.123.255
up" % line.strip()
```

strip() removes any leading/trailing whitespace including the newline character at the end.

Peter