Subject: Re: But why is the RAM gone?!
Posted by HubertD on Wed, 30 Jan 2008 18:41:19 GMT
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I just called the ipssend command in question a few hundred thousand times and there seems to be no impact on the free memory.

So, I'm pretty sure that ipssend is not the origin of my memory leak.

Also, I wrote a small script to show the difference between ps and /proc/meminfo:

```perl
#!/usr/bin/perl -w
use strict;

my $pssum = 0;
open DATA, "/bin/ps -o rss= ax |";
while ( <DATA> ) { $pssum += $_; }
close DATA;

my $memtotal = 0;
my $memfree  = 0;
my $buffers  = 0;
my $cached   = 0;
open DATA, '</proc/meminfo';
while (<DATA>) {
    s/^\s+//;
    my @arr = split(/\s+/);
    if ($arr[0] eq 'MemTotal:')  { $memtotal = $arr[1]; }
    if ($arr[0] eq 'MemFree:')   { $memfree  = $arr[1]; }
    if ($arr[0] eq 'Buffers:')   { $buffers  = $arr[1]; }
    if ($arr[0] eq 'Cached:')    { $cached   = $arr[1]; }
}
close DATA;

my $used = $memtotal - $memfree - $buffers - $cached;
my $diff = $used - $pssum;
print "pssum: $pssum used: $used diff: $diff\n";
```

This shows a diff of ~1.7GB at the moment!

I have few knowledge of linux memory management, but this difference certainly doesn't seem normal to me?

Can somebody give me hints about how to find out more?

Hubert