String::to_gb fails to parse "0 Bytes"

On some Ubuntu 14.04 boxes with swap disabled facter returns a value of "0 bytes" for the swapfree fact. This is unparseable by String::to_gb which causes /statistics to show an error.

```bash
weeks@host:~$ facter swapfree
0 bytes
weeks@host:~$
```

Do you by any chance have a back trace or error message? That would help to debug.

Attached!

Minimized test case:

"0 bytes".to_gb
Thanks for the trace, that helped me. It's partly caused by #2314 and partly because we don't recognize Bytes as a unit. Also we have generic rescue which hides the real cause. The fix should be easy.

#4 - 09/16/2016 07:11 AM - Marek Hulán
- Related to Bug #2314: Smaller grains for VM memory/RAM choice needed added

#5 - 09/16/2016 07:23 AM - The Foreman Bot
- Status changed from Assigned to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/3854 added

#6 - 09/16/2016 07:28 AM - Dominic Cleal
- Legacy Backlogs Release (now unused) deleted (160)

I don't think this was introduced in 1.13.0/#2314. https://github.com/theforeman/foreman/commit/eabbbeb4730abb51de2de8f9b302d26b14d6d33a#diff-54b2b2f744ded63c7d44629102bde356 only seems to change how the units are scaled.

#7 - 09/16/2016 10:18 AM - Marek Hulán
There are two parts of this bug. First is that "Bytes" are not recognized as unit. Second is that the Foreman::SIZE was removed but remained on line which is triggered in this case. If we only fix matching, it will still fail for "0 Bytes" string because of this. If you prefer I can split this into 2 PRs, second would be only replacing the Foreman::SIZE so it would be safe to get it into 1.13.

#8 - 09/22/2016 05:02 AM - Marek Hulán
- Status changed from Ready For Testing to Closed
- % Done changed from 0 to 100

Applied in changeset 0771ec2351c75514abaf1c7040cdd5b74e8ef1d.

#9 - 09/22/2016 07:05 AM - Dominic Cleal
- Legacy Backlogs Release (now unused) set to 160

Files
backtrace.txt 24.1 KB 09/16/2016 Brandon Weeks