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FreeBSD ERROR: (8011-323-1057) Failed to allocate memory and Solution

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Q. I'm running application called Urchin or Google Analytics under FreeBSD and I'm getting the error that read as follows:
ERROR: (8011-323-1057) Failed to allocate memory

How do I fix this error?

A. Urchin is used to analyze web server log file content and display the traffic information on that website based upon the log data. [1]

According to Google Urchin support pages - FreeBSD has a hard-coded process datasize limit of 500MB. This limit is exceeded because of Urchin's geodata that must be memory resident during log processing. As a result, you will see the following runtime error:

ERROR: (8011-323-1057) Failed to allocate memory

To fix this issue, you'll need to increase the FreeBSD system's default process datasize, which you can do by editing the /boot/loader.conf file, enter:

```
# vi /boot/loader.conf
```

Append the following lines

```
# Increase max process data segment size to 1GB
kern.maxdsiz="1073741824"
```

Reboot the system to accept new changes, enter:

```
# reboot
```

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