

Subject: Re: Xsgi & Memory (Was: Re: Memory leak ?)
Posted by [Gianni Mariani](#) on Mon, 11 Sep 1995 07:00:00 GMT
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"Frank J. 1/2ynes" <frank@spacetec.no> wrote:

- >
- > Note however that displaying the image with `imgview` does NOT
- > reserve memory between sessions. This might indicate that
- > there is a bad combination of a non-robust Xserver and IDL's way
- > of using X-resources.
- >
- > But Martin experienced similar problems without using IDL,
- > so: SGI, don't blame it all on RSI, I do believe you play
- > a part in this mess too! :-)

I don't blame anyone. Before I go and blame it on bug # 254412 I want to make sure it's not something else.

Here is a work around for 254412 that was posted a while back !

Insert the following lines in `/usr/bin/X11/X` just before the `exec` to the `Xsqi` and `Xsqi d`

```
MALLOC_CONFIG=2:mm_minunmapsize=2097152:mm_szunmapshift=21:m
m_minunmapsrch=0\
:mm_xf[0].mm_flindx=8:mm_xf[0].mm_szshft=5:mm_xf[1].mm_flind x=2055\
:mm_xf[1].mm_szshft=9:mm_xf[2].mm_flindx=2065:mm_xf[2].mm_sz shft=20:mm_flsearh=30
export MALLOC_CONFIG
```

Add large amounts of virtual swap.

IT DOES NOT FIX THE PROBLEM !! It prolongs it. We have a patch in the works being tested at a couple of customers.

The memory is actually not being used, it's not a leak in the traditional sense, it's more an accounting problem/fragmentation problem that only shows up with some special sizes and allocation sequences that seem to be more frequent than when we originally tested it.

Apologies for the inconvenience, it's a top priority problem. I can't make commitments to this since this problem belongs to someone else and I cannot speak for them.

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/ /
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