

---

Subject: Re: [PATCH] Priority heap infrastructure enhancements

Posted by [Balbir Singh](#) on Sat, 21 Jun 2008 08:54:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Paul Menage wrote:

> On Sat, Jun 21, 2008 at 1:05 AM, Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

>> I would like to be able to drop the smallest value. Since we cannot drop the

>> smallest value, dropping a leaf (heap->size) should be sufficiently good enough.

>> I want a max heap and losing the root of the heap does not work for me.

>>

>

> What are you actually trying to do? Can you get round this by just

> inverting your "gt" operator? i.e. provide one that actually

> implements "less-than"?

Paul,

That would convert the entire heap to a min-heap. With my soft limit patches, that I am working on for the memory controller; I want the controller that has exceeded it's soft limit by the maximum amount to be picked off the heap, so that we can reclaim from it on memory contention.

Ideally, I would also like to be able to find an existing node in the heap, but that is hard. I can work around that problem for now.

--

Warm Regards,

Balbir Singh

Linux Technology Center

IBM, ISTL

---

Containers mailing list

[Containers@lists.linux-foundation.org](mailto:Containers@lists.linux-foundation.org)

<https://lists.linux-foundation.org/mailman/listinfo/containers>

---