
Subject: Re: [PATCH 8/8] Per-container pages reclamation

Posted by [Balbir Singh](#) on Fri, 01 Jun 2007 09:23:30 GMT

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Pavel Emelianov wrote:

> Balbir Singh wrote:

>

> [snip]

>

>>>>> + for_each_online_node(node) {

>>>>> + #ifdef CONFIG_HIGHMEM

>>>>> + zones = NODE_DATA(node)->node_zonelists[ZONE_HIGHMEM].zones;

>>>>> + if (do_try_to_free_pages(zones, sc.gfp_mask, &sc))

>>>>> + return 1;

>>>>> + #endif

>>>>> + zones = NODE_DATA(node)->node_zonelists[ZONE_NORMAL].zones;

>>>>> + if (do_try_to_free_pages(zones, sc.gfp_mask, &sc))

>>>>> + return 1;

>>>>> + }

>>>> Definitely need to handle ZONE_DMA32 and ZONE_DMA (some architectures put
>>>> all memory into ZONE_DMA (or they used to))

>> Won't the node_zonelists[ZONE_NORMAL].zones contain all lower zones (including
>> ZONE_DMA and ZONE_DMA32) from various nodes organized by cost?

>>

>> I need to go lookup the node_zonelists creation.

>

>

> OK, I've got it. The node's zonelist indexed with ZONE_XXX contains

> the zone specified and all the zones beyond it. Thus shrinking from

> ZONE_HIGHMEM (ZONE_NORMAL if the latter does not exist) is enough.

>

> Thanks,

> Pavel

Exactly!

--

Warm Regards,

Balbir Singh

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