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Subject: Re: [PATCH 2/7] event: don't divide events if it has field period  
Posted by [avagin](#) on Thu, 17 Nov 2011 08:22:20 GMT  
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Hello Peter,

> On 11/09/2011 03:55 PM, Peter Zijlstra wrote:  
>>  
>> On Mon, 2011-11-07 at 15:54 +0300, Andrew Vagin wrote:  
>>>  
>>> This patch solves the following problem:  
>>>  
>>> Now some samples may be lost due to throttling. The number of samples is  
>>> restricted by `sysctl_perf_event_sample_rate/HZ`. A trace event is  
>>> divided on some samples according to event's period. I don't sure, that  
>>> we should generate more than one sample on each trace event. I think the  
>>> better way to use `SAMPLE_PERIOD`.  
>>  
>> It would be yes, but this code predates that, also it needs to work even  
>> if the user doesn't provide `SAMPLE_PERIOD`.

I have not understood exactly what I should do now.  
I'm going to send the third version of this patches. New version  
contains only a small fix according with the comment for path 4/7.  
In new version I am not going to fix the problem about which we  
discussed early. I have some reasons for it:

- \* It's another task. My decision is more effective for my task and I believe that exists many cases where my decision may be suitable. I want to say, that it may be in kernel, event if the problem would not exist at all.
- \* `__perf_count()` has been broken for a long time and nobody reports this problem, so we can say, that the problem isn't urgent.
- \* Only few events `sched:sched_stat_*` are affected by this problem.
- \* I am not sure, that we should to solve this problem. The "problem" may be not a problem at all. We have ability to customize `sample_period` and we have events about that some events were throttled.

If you have any objection, send them to me.

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Subject: Re: [PATCH 2/7] event: don't divide events if it has field period  
Posted by [Peter Zijlstra](#) on Thu, 17 Nov 2011 08:45:08 GMT  
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On Thu, 2011-11-17 at 11:22 +0300, Andrew Wagin wrote:

> Hello Peter,  
>

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> >>

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> >>> This patch solves the following problem:

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> contains only a small fix according with the comment for path 4/7.

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> discussed early. I have some reasons for it:

I already merged your previous version, it can be found in tip.

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