
Subject: Re: [PATCH 3/6] perf: add ability to record event period
Posted by [Arun Sharma](#) on Mon, 19 Dec 2011 19:20:43 GMT
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Acked-by: Arun Sharma <asharma@fb.com>

Need PERF_SAMPLE_PERIOD for the sleep profiling kernel patch I posted earlier.

-Arun

On 12/15/11 11:13 PM, Andrew Vagin wrote:

> Hi Arnaldo,

>

> Could you review and commit this patch. It's quite common functionality,
> which allow to get events more effectively and to avoid losing events.

>

> All other patches may be postponed, because Arun Sharma wants to suggest
> your version of "Profiling sleep times".

>

> Thanks.

>

> On 12/07/2011 05:55 PM, Andrew Vagin wrote:

>> Signed-off-by: Andrew Vagin<avagin@openvz.org>

>> ---

>> tools/perf/builtin-record.c | 1 +

>> tools/perf/perf.h | 1 +

>> tools/perf/util/evsel.c | 3 +++

>> 3 files changed, 5 insertions(+), 0 deletions(-)

>>

>> diff --git a/tools/perf/builtin-record.c b/tools/perf/builtin-record.c

>> index 766fa0a..f8fd14f 100644

>> --- a/tools/perf/builtin-record.c

>> +++ b/tools/perf/builtin-record.c

>> @@ -700,6 +700,7 @@ const struct option record_options[] = {

>> OPT_BOOLEAN('d', "data",&record.opts.sample_address,

>> "Sample addresses"),

>> OPT_BOOLEAN('T', "timestamp",&record.opts.sample_time, "Sample

>> timestamps"),

>> + OPT_BOOLEAN('P', "period",&record.opts.period, "Sample period"),

>> OPT_BOOLEAN('n', "no-samples",&record.opts.no_samples,

>> "don't sample"),

>> OPT_BOOLEAN('N', "no-buildid-cache",&record.no_buildid_cache,

>> diff --git a/tools/perf/perf.h b/tools/perf/perf.h

>> index ea804f5..64f8bee 100644

>> --- a/tools/perf/perf.h

>> +++ b/tools/perf/perf.h

>> @@ -200,6 +200,7 @@ struct perf_record_opts {

```
>> bool sample_time;
>> bool sample_id_all_avail;
>> bool system_wide;
>> + bool period;
>> unsigned int freq;
>> unsigned int mmap_pages;
>> unsigned int user_freq;
>> diff --git a/tools/perf/util/evsel.c b/tools/perf/util/evsel.c
>> index e2d1b22..8550018 100644
>> --- a/tools/perf/util/evsel.c
>> +++ b/tools/perf/util/evsel.c
>> @@ -108,6 +108,9 @@ void perf_evsel__config(struct perf_evsel *evsel,
>> struct perf_record_opts *opts)
>> if (opts->system_wide)
>> attr->sample_type |= PERF_SAMPLE_CPU;
>>
>> + if (opts->period)
>> + attr->sample_type |= PERF_SAMPLE_PERIOD;
>> +
>> if (opts->sample_id_all_avail&&
>> (opts->sample_time || opts->system_wide ||
>> !opts->no_inherit || opts->cpu_list))
>>
```
