
Subject: [PATCH 3/6] perf: add ability to record event period
Posted by [Andrey Vagin](#) on Wed, 07 Dec 2011 13:55:58 GMT
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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))
```

```
--
```

1.7.1
