

RUBY PROFILER

http://www.tutorialspoint.com/ruby/ruby_profiler.htm

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In most cases, you can improve the performance of a slow program by removing the bottleneck. The profiler is a tool that finds the bottleneck.

In order to add profiling to your Ruby program, you need to first load the *Profile* library using the command-line option *-r profile*.

Usage Syntax:

```
$ ruby -r profile [programfile] [arguments]
```

Example:

Here is the output generated from *hello.rb* file but this would not give you much idea so, you can try using a bigger program. Out put is shown with small font.

```
[root@ruby]# ruby -r profile hello.rb
```

```
Hello, Mac!  
% cumulative self self total  
time seconds seconds calls ms/call ms/call name  
0.00 0.00 0.00 2 0.00 0.00 IO#write  
0.00 0.00 0.00 2 0.00 0.00 Module#method_added  
0.00 0.00 0.00 1 0.00 0.00 Hello#hello  
0.00 0.00 0.00 1 0.00 0.00 Hello#initialize  
0.00 0.00 0.00 1 0.00 0.00 Class#inherited  
0.00 0.00 0.00 1 0.00 0.00 Kernel.puts  
0.00 0.00 0.00 1 0.00 0.00 Class#new  
0.00 0.01 0.00 1 0.00 10.00 #toplevel
```