

Ruby master - Feature #13838

Add the ability to detect Coverage status

08/25/2017 12:30 AM - yui-knk (Kaneko Yuichiro)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
Description	
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<p>I want to detect current status of Coverage, which is enabled or not. Now we can detect status only trying Coverage.peek_result or Coverage.result and catch RuntimeError. Attached patch enable us to detect status without any exceptions.</p>	
Why	
<p>My daily work is developing a web application with Ruby.</p> <p>I am using Coverage.peek_result to record coverage information on a per-request basis.</p> <p>When recording coverage information, I want to start Coverage on a part of production servers, because Coverage tool may have some overhead.</p> <p>In this case, the code of my program looks like</p> <pre># Implement as Rack middleware class CoverageMiddleware def initialize(app) @app = app end def call(env) # To ensure return response, rescue exceptions before = Coverage.peek_result rescue nil res = @app.call(env) after = Coverage.peek_result rescue nil if (before && after) write_file(diff(before, after)) end return res end end</pre>	
Example	
<p>By using `Coverage.enabled?`, I can</p> <pre>class CoverageMiddleware def initialize(app) @app = app end def call(env) if Coverage.enabled? before = Coverage.peek_result res = @app.call(env) after = Coverage.peek_result</pre>	

```
    write_file(diff(before, after))
  else
    res = @app.call(env)
  end

  return res
end
end
```

History

#1 - 08/25/2017 12:36 AM - yui-knk (Kaneko Yuichiro)

- Backport deleted (2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN)

- Tracker changed from Bug to Feature

#2 - 08/25/2017 12:57 AM - mame (Yusuke Endoh)

- Status changed from Open to Closed

I think this is a duplicate of [#13667](#). Let us discuss this issue in that ticket. Thank you!

#3 - 08/25/2017 01:01 AM - yui-knk (Kaneko Yuichiro)

Sorry I overlooked the issue :)

Files

Coverage.patch	1.47 KB	08/25/2017	yui-knk (Kaneko Yuichiro)
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