

## Ruby master - Bug #16658

### `method\_\_cache\_\_clear` DTrace hook was dropped without replacement

02/27/2020 09:48 AM - vo.x (Vit Ondruch)

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b> ko1 (Koichi Sasada)	
<b>Target version:</b>	
<b>ruby -v:</b> ruby 2.8.0dev (2020-02-26 master 83705c42ce) [x86_64-linux]	<b>Backport:</b> 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN
<b>Description</b> The PR #2888 <a href="#">1</a> dropped DTrace method__cache__clear hook without replacement. Was this intentional? If yes, then the probes.d <a href="#">3</a> should be updated appropriately. If this was not intentional, the hook should be reintroduced.	
<b>Related issues:</b> Related to Ruby master - Feature #16614: New method cache mechanism for Guild <span style="float: right;"><b>Closed</b></span>	

### History

#### #1 - 02/27/2020 09:49 AM - vo.x (Vit Ondruch)

- Related to Feature #16614: New method cache mechanism for Guild added

#### #2 - 04/08/2020 04:49 PM - vo.x (Vit Ondruch)

- Assignee set to ko1 (Koichi Sasada)

@Koichi could you please take a look, since your commit removed the hook. Thx

#### #3 - 05/07/2020 07:14 AM - ko1 (Koichi Sasada)

Sorry. what method\_\_cache\_\_clear did?  
When this hook was invoked?

#### #4 - 05/07/2020 06:51 PM - vo.x (Vit Ondruch)

ko1 (Koichi Sasada) wrote in [#note-3](#):

Sorry. what method\_\_cache\_\_clear did?

I don't really know. [tenderlovmaking \(Aaron Patterson\)](#) is the author AFAIK. But this is the comment from probes.d:

```
ruby::method-cache-clear(class, filename, lineno);  
This probe is fired when the method cache is cleared.  
* `class` the name of the class or "global" (a string)  
* `filename` the file name where the cache is _being cleared_ (a string)  
* `lineno` the line number where the cache is _being cleared_ (an int)
```

When this hook was invoked?

<https://github.com/ruby/ruby/pull/2888/files#diff-6cea7716df08f2b7fdc5fb30c7963884L98>

#### #5 - 05/07/2020 06:56 PM - vo.x (Vit Ondruch)

When this hook was invoked?

<https://github.com/ruby/ruby/pull/2888/files#diff-6cea7716df08f2b7fdc5fb30c7963884L98>

Hm, this does not appear to really work, since the vm\_method.c is collapsed. Anyway, this used to be the invocation place:

[https://github.com/ruby/ruby/blob/f2286925f08406bc857f7b03ad6779a5d61443ae/vm\\_method.c#L98](https://github.com/ruby/ruby/blob/f2286925f08406bc857f7b03ad6779a5d61443ae/vm_method.c#L98)

**#6 - 05/07/2020 09:46 PM - ko1 (Koichi Sasada)**

Thanks, I think there is no chance to invoke this hook on current master.

**#7 - 05/07/2020 09:50 PM - vo.x (Vit Ondruch)**

ko1 (Koichi Sasada) wrote in [#note-6](#):

Thanks, I think there is no chance to invoke this hook on current master.

Could you please adjust the probes.d then? Thx.