

## CommonRuby - Feature #8291

### Allow retrieving the root Fiber of a Thread

04/19/2013 03:53 PM - halorgium (Tim Carey-Smith)

<b>Status:</b>	Open
<b>Priority:</b>	Normal
<b>Assignee:</b>	
<b>Target version:</b>	
<b>Description</b> =begin Currently ( <code>Thread.backtrace</code> ) returns the stack frames for the currently running ( <code>Fiber</code> ). It is not possible to retrieve the backtrace.  Building on <a href="http://bugs.ruby-lang.org/issues/8263">http://bugs.ruby-lang.org/issues/8263</a> , this would allow for this feature. =end	

#### History

##### #1 - 04/28/2013 07:53 AM - ko1 (Koichi Sasada)

(2013/04/19 15:53), halorgium (Tim Carey-Smith) wrote:

Currently (`Thread.backtrace`) returns the stack frames for the currently running (`Fiber`).  
It is not possible to retrieve the backtrace.

Building on <http://bugs.ruby-lang.org/issues/8263>, this would allow for this feature.

Sorry, I can't understand your proposal. Different discussion from [#8263](#) ?

BTW, there are no `Thread.backtrace` method.

```
Thread.backtrace
#=>
ruby 2.1.0dev (2013-03-18 trunk 39808) [i386-mswin32_100]
t.rb:1:in <main>: undefined method backtrace' for Thread:Class
(NoMethodError)
```

```
--
// SASADA Koichi at atdot dot net
```

##### #2 - 04/28/2013 07:53 AM - nobu (Nobuyoshi Nakada)

(13/04/28 7:40), SASADA Koichi wrote:

BTW, there are no `Thread.backtrace` method.

```
Thread.backtrace
#=>
ruby 2.1.0dev (2013-03-18 trunk 39808) [i386-mswin32_100]
t.rb:1:in <main>: undefined method backtrace' for Thread:Class
(NoMethodError)
```

It would be `Thread#backtrace`, I guess.

```
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Nobu Nakada
```

##### #3 - 04/28/2013 07:35 PM - halorgium (Tim Carey-Smith)

I am proposing adding the ability to call `Thread#root_fiber` to return the `Fiber` which is considered the original co-routine for the specified `Thread`.  
This is useful to be able to retrieve information about the original `Fiber` for the `Thread`.

##### #4 - 04/28/2013 08:53 PM - ko1 (Koichi Sasada)

(2013/04/28 19:35), halorgium (Tim Carey-Smith) wrote:

I am proposing adding the ability to call `Thread#root_fiber` to return the `Fiber` which is considered the original co-routine for the specified `Thread`.

This is useful to be able to retrieve information about the original Fiber for the Thread.

I understand what you want. How to use it?

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