

## Ruby trunk - Bug #15735

### Thread#handle\_interrupt does not prevent Thread#kill from interrupting

03/28/2019 06:46 PM - inoueyu (Yuki INOUE)

<b>Status:</b> Open	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> 2.6.2p47 (2019-03-13 revision 67232) [x86_64-darwin18]	<b>Backport:</b> 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: UNKNOWN

#### Description

[https://docs.ruby-lang.org/en/trunk/Thread.html#method-c-handle\\_interrupt](https://docs.ruby-lang.org/en/trunk/Thread.html#method-c-handle_interrupt)

According to the documentation above, Thread#handle\_interrupt(Exception => :never) would prevent the interrupts from Thread#kill.

In the following code, however, the Thread#kill seems to just kill the thread immediately even if the thread is instructed to never handle interrupt.

```
t = Thread.new do
  Thread.handle_interrupt(Exception => :never) do
    puts "thread started"
    sleep 2
    puts "thread end"
  end
end
sleep 1
t.kill
puts "main end"
sleep 2
```

#### Outputs

```
$ ruby test.rb
thread started
main end
$
```

Is the document wrong? Or, implementation not working as expected?

#### History

##### #1 - 03/28/2019 10:42 PM - Eregon (Benoit Daloze)

If that is the case, that might also mean the fix in <https://bugs.ruby-lang.org/issues/14998> might not be sufficient.