

## Ruby master - Feature #14565

### Simpler, one-liner, failsafe require in ruby? [Suggested names: `require_failsafe`, `require_safe`, `require_try`, `require_add`]

03/01/2018 05:48 PM - shevegen (Robert A. Heiler)

<b>Status:</b>	Open
<b>Priority:</b>	Normal
<b>Assignee:</b>	
<b>Target version:</b>	
<b>Description</b>	
<p>I have quite a bit of code like this:</p> <pre>begin   require 'x/tools/cdrskin.rb' rescue LoadError; end</pre>	
<p>I also use the longer variant, e.g.,</p> <pre>begin   require 'foobar' rescue LoadError   puts 'project foobar is not available - consider '\     'installing it via gem install foobar' end</pre>	
<p>Often, I do not need to inform the user about missing gems/projects that are tiny and not very important. In my larger ruby projects, I handle cases where a smaller project is not available or available, so I can proceed either way. It is a bit pointless to notify the user when that is me; that is why I would like to have a one-liner.</p>	
<p>I am thinking of an API such as any of the following:</p> <pre>require_failsafe require_safe require_try require_add</pre>	
<p>This is for loading with a rescue LoadError without notification. If I need to notify a user then I am fine with the longer variant.</p>	
<p>If anyone has better names, feel free to add them! I think people are more likely to remember the require-family, e. g. <code>require 'foo.rb'</code> or <code>require_relative 'bar.rb'</code> and so forth.</p>	
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<p>I also wanted to propose a stronger require/import, including the possibility to refer to .rb files without a hardcoded path (if the .rb file is moved, all explicit requires to it, in particular from external projects, would have to change; and my vague idea is to replace this with some kind of project-specific way to "label" files and load these files based on these "labels", but that is for another suggestion; I only want to mention it because Hiroshi Shibata made some suggestion as extension to require, and I think the use case he mentioned may also be useful to see whether ruby may get a stronger "load code in files" functionality for ruby 3.x eventually).</p>	

#### History

##### #1 - 03/01/2018 05:49 PM - shevegen (Robert A. Heiler)

(I have a few typos above; is there a way to edit the first post in the bug tracker? I only seem to be able to edit in subsequent posts... hmm)

##### #2 - 03/01/2018 05:56 PM - zverok (Victor Shepelev)

[shevegen \(Robert A. Heiler\)](#) If you press "Edit", the form has Description [Edit] field, and you can edit description there.

##### #3 - 10/09/2019 05:42 AM - sawa (Tsuyoshi Sawada)

- Description updated