

Ruby - Feature #12858

Supporting batch-requiring of files in ruby

10/21/2016 07:12 AM - shevegen (Robert A. Heiler)

Status: Open	
Priority: Normal	
Assignee:	
Target version:	
Description <p>Hello. This is a very short proposal, unlike some of my previous ones; and it also is hopefully possibly better than some of my other proposals before.</p> <p>Could we have a way to batch-require .rb files from a directory?</p> <p>Right now we can do:</p> <pre>require 'foo/bar.rb' require 'foo/boo.rb' require 'foo/bii.rb'</pre> <p>But this is a bit cumbersome, especially if you have lots of files to manually specify here.</p> <p>We can do first grab these via Dir[] which works fine and then invoke require() on each entry. This also works fine and I am doing this in some of my gems, but it is a cumbersome nonetheless.</p> <p>I was thinking of either of the following two changes perhaps:</p> <pre>require_directory 'foo' # This would be similar to: require_directory 'foo/'</pre> <p>This new method would then attempt a Dir[] before batch-requiring the specified files via require().</p> <p>Alternatively, or additionally, perhaps require() itself could support '**'? Then we could have this for require itself like:</p> <pre>require 'foo/*.rb'</pre> <p>I am not sure if this has been suggested before; there are a few gems that try to solve this but I was wondering if it could be added to ruby as a core functionality itself. Note that while my examples above center primarily around .rb files, it could of course work for .so files too, just following require() policy anyway - my main point was about batch-requiring files more easily in ruby.</p> <p>Thanks for reading!</p> <p>PS: It could work for load() too but I personally seem to use require() like +98% of the time so I don't care that much about load() really.</p>	
Related issues:	
Related to Ruby - Feature #14927: Loading multiple files at once	Assigned
Related to Ruby - Feature #7121: Extending the use of `require`	Assigned

History

#1 - 10/23/2016 08:05 AM - herwin (Herwin W)

You realize [this gem](#) does exactly that?

#2 - 04/02/2024 09:12 AM - hsbt (Hiroshi SHIBATA)

- Related to Feature #14927: Loading multiple files at once added

#3 - 04/03/2024 04:30 AM - hsbt (Hiroshi SHIBATA)

- Related to Feature #7121: Extending the use of `require` added