

Ruby - Feature #21155

File scoped namespace declarations as in C#

02/24/2025 11:33 AM - artur86 (Artur *)

Status:Open Priority:Normal Assignee: Target version:	
Description Given there is a file with a class that needs to be namespaced. There are basically two options currently. module implies indenting the class by one level: <pre>module MyNamespace class MyClass; end end</pre> Scope resolution operator (::) needs no indentation, but it works differently than using module and repeating module name for every class inside seems tedious and verbose to me: <pre>class MyNamespace::MyClass; end class MyNamespace::MyAnotherClass; end class MyNamespace::OneMoreClass; end end</pre> Neither option enables to declare a namespace once at the top of a file and let Ruby treat all the subsequent constants to be under that namespace. Wouldn't it be better to implement something similar in Ruby? This is implemented in C# under the name of File Scoped Namespaces. The discussion on StackOverflow.	
Related issues: Related to Ruby - Misc #21209: Endless classes and modules Closed	

History

- #1 - 02/24/2025 11:44 AM - artur86 (Artur *)

- Description updated
- #2 - 02/24/2025 02:59 PM - Hanmac (Hans Mackowiak)

@artur86 the difference between these two are the module nesting

See this doku about this: https://ruby-doc.org/3.2/syntax/modules_and_classes_rdoc.html#label-Constants

In Short, the second variant can raise NameError if you don't use MyNamespace everywhere.
- #3 - 02/24/2025 05:05 PM - artur86 (Artur *)

- Description updated
- #4 - 02/24/2025 05:16 PM - artur86 (Artur *)

- Description updated
- #5 - 02/24/2025 05:18 PM - artur86 (Artur *)

- Description updated
- #6 - 02/24/2025 05:18 PM - artur86 (Artur *)

Hanmac (Hans Mackowiak) wrote in [#note-2](#):

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I edited the description.

#7 - 02/25/2025 08:03 AM - artur86 (Artur *)

- *Description updated*

#8 - 04/02/2025 05:10 PM - mame (Yusuke Endoh)

- *Related to Misc #21209: Endless classes and modules added*