

Ruby - Bug #21323

irb fails to start with Namespace

05/10/2025 11:14 AM - Eregon (Benoit Daloze)

Status:Closed Priority:Normal Assignee: Target version: ruby -v:ruby 3.5.0dev (2025-05-10T07:50:29Z namespace-on-read-.. bd4f57f96b) +PRISM [x86_64-linux]	Backport:3.2: UNKNOWN, 3.3: UNKNOWN, 3.4: UNKNOWN
Description <pre>\$ irb irb(main):001> 6 * 7 => 42 \$ RUBY_NAMESPACE=1 irb /home/eregon/prefix/ruby-master/bin/ruby: warning: Namespace is experimental, and the behavior may change in the future! See doc/namespace.md for know issues, etc. /home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/did_you_mean/core_ext/name_error.rb:11: warning: irb is not part of the default gems since Ruby 3.5.0. Install irb from RubyGems. /home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/did_you_mean/core_ext/name_error.rb:11: warning: irb is not part of the default gems since Ruby 3.5.0. Install irb from RubyGems. <internal:/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/rubygems/core_ext/kernel_require.rb>:14 1:in 'Kernel#require': cannot load such file -- irb (LoadError) Did you mean? erb from <internal:/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/rubygems/core_ext/kernel_require. rb>:141:in 'Kernel#require' from /home/eregon/prefix/ruby-master/lib/ruby/gems/3.5.0+0/gems/irb-1.15.2/exe/irb:7:in 'Namespac e::Loader#require' from /home/eregon/prefix/ruby-master/lib/ruby/gems/3.5.0+0/gems/irb-1.15.2/exe/irb:7:in '<top (re quired)>' from /home/eregon/.rubies/ruby-master/bin/irb:25:in 'Kernel#load' from /home/eregon/.rubies/ruby-master/bin/irb:25:in 'Namespace::Loader#load' from /home/eregon/.rubies/ruby-master/bin/irb:25:in '<main>' <internal:/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/rubygems/core_ext/kernel_require.rb>:13 6:in 'Kernel#require': cannot load such file -- irb (LoadError) Did you mean? erb from <internal:/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/rubygems/core_ext/kernel_require. rb>:136:in 'Kernel#require' from /home/eregon/prefix/ruby-master/lib/ruby/gems/3.5.0+0/gems/irb-1.15.2/exe/irb:7:in 'Namespac e::Loader#require' from /home/eregon/prefix/ruby-master/lib/ruby/gems/3.5.0+0/gems/irb-1.15.2/exe/irb:7:in '<top (re quired)>' from /home/eregon/.rubies/ruby-master/bin/irb:25:in 'Kernel#load' from /home/eregon/.rubies/ruby-master/bin/irb:25:in 'Namespace::Loader#load' from /home/eregon/.rubies/ruby-master/bin/irb:25:in '<main>' zsh: exit 1 RUBY_NAMESPACE=1 irb</pre>	
Related issues: Related to Ruby - Bug #21324: Namespace loads RubyGems in root Namespace but ... Open	

History

#1 - 05/10/2025 12:32 PM - Eregon (Benoit Daloze)

Looks somewhat similar, benchmark loads fine in main namespace but not in other namespace:

```
$ RUBY_NAMESPACE=1 ruby -ve 'require "benchmark"; p Benchmark::VERSION; ns = Namespace.new; File.write "ns.rb"
, "require :benchmark.to_s; p Benchmark::VERSION"; ns.require ".ns"'
ruby 3.5.0dev (2025-05-10T07:50:29Z namespace-on-read-.. bd4f57f96b) +PRISM [x86_64-linux]
ruby: warning: Namespace is experimental, and the behavior may change in the future!
See doc/namespace.md for know issues, etc.
```

"0.4.0"

```
/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/did_you_mean/core_ext/name_error.rb:11: warning: benchmark is
not part of the default gems since Ruby 3.5.0. Install benchmark from RubyGems.
/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/did_you_mean/core_ext/name_error.rb:11: warning: benchmark is
not part of the default gems since Ruby 3.5.0. Install benchmark from RubyGems.
<internal:/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/rubygems/core_ext/kernel_require.rb>:141:in 'Kernel
#require': cannot load such file -- benchmark (LoadError)
  from <internal:/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/rubygems/core_ext/kernel_require.rb>:141:in '
Kernel#require'
  from /home/eregon/ns.rb:1:in 'Namespace::Loader#require'
  from /home/eregon/ns.rb:1:in '<top (required)>'
  from -e:1:in 'Namespace#require'
  from -e:1:in '<main>'
<internal:/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/rubygems/core_ext/kernel_require.rb>:136:in 'Kernel
#require': cannot load such file -- benchmark (LoadError)
  from <internal:/home/eregon/prefix/ruby-master/lib/ruby/3.5.0+0/rubygems/core_ext/kernel_require.rb>:136:in '
Kernel#require'
  from /home/eregon/ns.rb:1:in 'Namespace::Loader#require'
  from /home/eregon/ns.rb:1:in '<top (required)>'
  from -e:1:in 'Namespace#require'
  from -e:1:in '<main>'
```

#2 - 05/10/2025 12:36 PM - Eregon (Benoit Daloze)

- *Related to Bug #21324: Namespace loads RubyGems in root Namespace but it should not added*

#3 - 05/24/2025 12:42 AM - retro (Josef Šimánek)

Have this been fixed already?

```
[retro@retro2 ~]$ ruby -v
ruby 3.5.0dev (2025-05-23T23:31:28Z master 87d340f0e1) +PRISM [x86_64-linux]
[retro@retro2 ~]$ RUBY_NAMESPACE=1 irb
/home/retro/.rubies/ruby-master/bin/ruby: warning: Namespace is experimental, and the behavior may change in t
he future!
See doc/namespace.md for known issues, etc.
irb(main):001> n = Namespace.new
=> #<Namespace:3,user,optional>
```

#4 - 06/03/2025 05:47 AM - hsb (Hiroshi SHIBATA)

- *Tags set to namespace*

#5 - 06/05/2025 09:07 AM - Eregon (Benoit Daloze)

- *Status changed from Open to Closed*

Right, this seems fixed on master.
Would be interesting to know what was the fix.