Ruby master - Feature #17303
Remove webrick from stdlib

11/02/2020 11:13 AM - hsbt (Hiroshi SHIBATA)

Status: Closed
Priority: Normal
Assignee: hsbt (Hiroshi SHIBATA)
Target version: 3.0

Description
I propose to move webrick to bundled gems or remove it from stdlib of ruby.

We have several vulnerability issues in webrick gem.


The ruby core team don't have enough time to handle them. We should remove webrick from default gems at least.

Patch for this feature: https://github.com/ruby/ruby/pull/3729

Related issues:
Related to Ruby master - Feature #15657: Make webrick to bundled gems Closed

History
#1 - 11/02/2020 05:04 PM - jeremyevans0 (Jeremy Evans)
I am in favor of this change. I prefer removing webrick from stdlib, as otherwise we are still likely to be shipping vulnerable code if there is a security issue in webrick. Moving webrick from default gems to bundled gems doesn't change much security wise, other than making it slightly more difficult to use an separately installed webrick gem.

#2 - 11/02/2020 08:37 PM - Eregon (Benoit Daloze)
Doesn't RubyGems depend on WEBrick (notably for gem server)?
It seems also RDoc depends on it.
And I know ruby -run -e httpd . -p8080 depends on it as well.

I think having a basic HTTP server in stdlib is important (bundled gem is fine for that).
Notably for properly testing Socket and new IO APIs.

Also removing it entirely without any kind of deprecation first seems like it might break lots of things.

#3 - 11/02/2020 08:39 PM - Eregon (Benoit Daloze)
It seems like the more fundamental thing we need is more maintainers for WEBrick.
Even if it's removed from stdlib, people will still install it for some existing use cases.

#4 - 11/03/2020 04:07 AM - sawa (Tsuyoshi Sawada)
- Description updated
- Subject changed from Make webrick to bundled gems or remove from stdlib to Move webrick to bundled gems or remove it from stdlib

#5 - 11/26/2020 07:48 AM - mame (Yusuke Endoh)
normalperson (Eric Wong) What do you think?

#6 - 11/26/2020 08:24 PM - normalperson (Eric Wong)
mame@ruby-lang.org wrote:
  normalperson (Eric Wong) What do you think?

I don't really care about Ruby, at the moment...

But if I were paid to care in the future, there is absolutely no way I could use GitHub (due to Terms-of-Service, JS CAPCHA, etc) and there needs to be a mailing list (e.g. ruby-core) and (optional) Redmine tracker for me to work on it.

03/19/2022
#7 - 11/27/2020 01:39 AM - mame (Yusuke Endoh)
Thank you for your reply.
I'm sorry but I cannot afford to hire you and have no budget. If I were a billionaire...
Anyway, you are not against the removal of WEBrick from Ruby package.
If you are, let me know.
This is my opinion.
If you are willing to continue to maintain WEBrick, GitHub is not mandatory.
We will keep WEBrick on GitHub, but I think we can transfer the source code to you everytime.
You can maintain it in your own Git server and mailing list, like the unicorn project, if you want.
And I hope so if possible.

matz (Yukihiro Matsumoto), do you decide the removal of WEBrick?

#8 - 11/27/2020 04:31 AM - ioquatix (Samuel Williams)
Personally, I'm in favour of a smaller stdlib. Therefore I support this change.

I also believe that we see more innovation when things are allowed to grow under their own terms rather than part of stdlib.

#9 - 12/02/2020 02:19 AM - hsbt (Hiroshi SHIBATA)
- Status changed from Open to Assigned
- Subject changed from Move webrick to bundled gems or remove it from stdlib to Remove webrick from stdlib

#10 - 12/10/2020 08:30 AM - matz (Yukihiro Matsumoto)
Go ahead.
Matz.

#11 - 12/10/2020 08:39 AM - naruse (Yui NARUSE)
Recently vulnerability handling for webrick is heavy load for CRuby development.
Reports related to webrick is low S/N rate though the importance of bundling webrick with ruby tarball is decreasing.

We remove webrick in ruby repo and separate it as dedicated project.

#12 - 12/10/2020 09:05 AM - mame (Yusuke Endoh)
- Target version set to 3.0

#13 - 12/10/2020 12:45 PM - hsbt (Hiroshi SHIBATA)
- Status changed from Assigned to Closed

Removed at https://github.com/ruby/ruby/pull/3729
I'm going to resolve the issues related this until the final release of Ruby 3.0.

#14 - 12/24/2020 06:59 AM - hsbt (Hiroshi SHIBATA)
- Related to Feature #15657: Make webrick to bundled gems added