

Ruby master - Feature #13653

Bundled zlib helper

06/13/2017 12:01 PM - hsbt (Hiroshi SHIBATA)

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|---|------------------------|
| Status: | Assigned |
| Priority: | Normal |
| Assignee: | hsbt (Hiroshi SHIBATA) |
| Target version: | |
| Description | |
| I created experimentally implementation for zlib-binding helper of bundled build. | |
| <ul style="list-style-type: none">• https://github.com/ruby/ruby/pull/1638• https://patch-diff.githubusercontent.com/raw/ruby/ruby/pull/1638.patch | |
| I also maintain ruby-build that is multi-platform build wrapper for ruby. I often got build failure report caused to missing zlib headers. examples are here. | |
| <ul style="list-style-type: none">• https://github.com/rbenv/ruby-build/issues/832• https://github.com/rbenv/ruby-build/issues/780 | |
| I hope to resolve this situation for ruby users. | |
| my patch make to build zlib-binding with bundled zlib sources. It only enabled when It was given --enable-bundled-zlib option with configure phase. | |

History

#1 - 06/13/2017 01:54 PM - nobu (Nobuyoshi Nakada)

I think --enable-bundled-zlib should suppress looking for external libraries and headers, as well as fiddle and psych.

#2 - 10/19/2017 06:32 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Open to Assigned

#3 - 10/20/2017 02:16 AM - shyouhei (Shyouhei Urabe)

We took a look at this issue at yesterday's developer meeting.

It surprised me that currently, zlib and several other header files are mandatory for building ruby from the source. It might be trivial for developers like us, but not for everyone who try compiling ruby.

The solutions to cover this glitch might include:

- Ship zlib along with ruby. This menu has additional choice whether the bundled zlib shall be statically linked or not.
- Fetch and compile zlib before building ruby, by the ruby-build script. This one needs to pass the result of zlib detection between ruby and ruby-build.

Either way ext/zlib has to be aware of the situation. The OP's pull request is for that purpose.

#4 - 10/20/2017 02:37 AM - hsbt (Hiroshi SHIBATA)

- Target version set to 2.6

To. shyouhei

Thanks for your explanation.

I updated my pull request. It only download and add zlib source files to ruby package(like tar ball)

<https://patch-diff.githubusercontent.com/raw/ruby/ruby/pull/1638.diff>

I try to this helper to ruby-build or add this feature to Ruby 2.6.

#5 - 12/25/2017 06:15 PM - naruse (Yui NARUSE)

- Target version deleted (2.6)