Ruby master - Feature #9456

Include bin/racc with ruby

01/28/2014 12:22 AM - zzak (Zachary Scott)

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

Description
As you can see we include executables for Rake, RDoc, ri, ERB, RubyGems, and Irb with Ruby.
We should also include Racc as an executable for Ruby.
This resolves an issue where libraries requiring Racc, and using the binary executable, must install the Racc gem in order to use bin/racc.
I'm fairly sure this change won't cause any issues, so I'd be happy to commit it.

Related issues:	
Related to Ruby master - Feature #5481: Gemifying Ruby standard library	**Closed**
Related to Ruby master - Feature #14158: Update racc library with changes fro...	**Closed**

History

#1 - 01/28/2014 12:24 AM - hsbt (Hiroshi SHIBATA)

Who are maintain it?

#2 - 01/28/2014 12:28 AM - zzak (Zachary Scott)

- Assignee set to aamine (Minero Aoki)

As Aaron has pointed out, the binary executable is GPL.

So I'm assigning this ticket to Aoki-san as this change depends on possibly re-licensing bin/racc

#3 - 01/28/2014 01:06 AM - naruse (Yui NARUSE)

Why gem is not enough?
Are there libraries which need other than ext/racc?

#4 - 01/28/2014 02:48 AM - zzak (Zachary Scott)

> Why gem is not enough?

For the same reason that the gem is included in stdlib, if we can't include the full functionality of the gem then it shouldn't be inclued in stdlib.

#5 - 01/28/2014 02:49 AM - zzak (Zachary Scott)

> Are there libraries which need other than ext/racc?

RDoc does, here's the initial discussion that resulted in this ticket.

#6 - 01/28/2014 05:38 AM - david_macmahon (David MacMahon)

I think a distinction needs to be made between the racc executable and the racc runtime library. My understanding is that the racc executable (bin/racc) is needed to develop a racc-based parser for a given application. Anyone who wants to use the application that contains the resultant parser needs the racc runtime library, but they don't need the racc executable. Thus, including the racc runtime library in the Ruby standard library is a way to ensure that racc parsers will be usable by anyone with a basic Ruby environment. Those who want to develop racc-based parsers will need the racc executable (and a suitable grammar file) to generate the parser, but those developers are more than capable of obtaining the racc executable (e.g. by installing the racc gem) for their own development environment.

Instead of asking for bin/racc to be included in the standard library, it make more sense (IMHO) to ask whether the racc runtime could be removed from the standard library so as not to favor one parser runtime library over another one. For example, since the racc runtime is included in stdlib, why not also include the treetop runtime (if there is one) or any other "runtime" library in stdlib? Where does line of reasoning end?

On the other hand, why even have a standard library if everything can be installed gems? Where would that line of reasoning end?

My guess is that the racc runtime library has been "grandfathered in" since it has been part of stdlib for so long (since Ruby 1.6?).

Dave

On Jan 27, 2014, at 6:48 PM, e@zzak.io wrote:

> Issue #9456 has been updated by Zachary Scott.
>
>> Why gem is not enough?
>
> For the same reason that the gem is included in stdlib, if we can't include the full functionality of the gem then it shouldn't be inclued in stdlib.
> _____
>
> Bug #9456: Include bin/racc with ruby
> https://bugs.ruby-lang.org/issues/9456#change-44648
>
> * Author: Zachary Scott
> * Status: Open
> * Priority: Normal
> * Assignee: Minero Aoki
> * Category:
> * Target version: current: 2.2.0
> * ruby -v: 2.2.0dev

* Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN

> As you can see we include executables for Rake, RDoc, ri, ERB, RubyGems, and Irb with Ruby.
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> We should also include Racc as an executable for Ruby.
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> This resolves an issue where libraries requiring Racc, and using the binary executable, must install the Racc gem in order to use bin/racc.
>
> I'm fairly sure this change won't cause any issues, so I'd be happy to commit it.
>
> --
> http://bugs.ruby-lang.org/

#7 - 01/28/2014 09:33 PM - drbrain (Eric Hodel)

RDoc needs a racc runtime to parse the RD (rdtool) documentation in the ruby sources.

#8 - 05/15/2017 03:04 AM - hsbt (Hiroshi SHIBATA)

- Target version changed from 2.2.0 to 2.5

- Assignee changed from aamine (Minero Aoki) to hsbt (Hiroshi SHIBATA)

- Status changed from Open to Assigned

- Tracker changed from Bug to Feature

#9 - 05/15/2017 03:08 AM - hsbt (Hiroshi SHIBATA)

- Related to Feature #5481: Gemifying Ruby standard library added

#10 - 05/15/2017 03:08 AM - hsbt (Hiroshi SHIBATA)

note: https://github.com/tenderlove/racc/issues/85

#11 - 12/01/2017 04:42 PM - naruse (Yui NARUSE)

- Target version deleted (2.5)

#12 - 12/07/2017 06:05 AM - hsbt (Hiroshi SHIBATA)

- Related to Feature #14158: Update racc library with changes from upstream added

#13 - 05/13/2019 12:14 PM - hsbt (Hiroshi SHIBATA)

I update the license of Ruby to racc upstream and picked ruby-core changes.

https://github.com/ruby/racc/pull/107

After this is merged, I'm going to merge bin/racc from upstream.

#14 - 05/14/2019 02:21 AM - shyouhei (Shyouhei Urabe)

hsbt (Hiroshi SHIBATA) wrote:

> I update the license of Ruby to racc upstream

How dare you can do such thing? Do you actually own the copyright?

#15 - 05/15/2019 12:43 PM - hsbt (Hiroshi SHIBATA)

We resolved the issue of license on upstream. I'm going to merge bin/racc after it was fixed some of build failures:
https://github.com/ruby/ruby/pull/2186

#16 - 06/20/2019 07:37 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Assigned to Closed

I merged bin/racc at https://github.com/ruby/ruby/compare/1a2546c...754df26.