

Ruby master - Feature #2080

Proc#to_source, Method#to_source

09/11/2009 01:10 AM - yugui (Yuki Sonoda)

Status:	Rejected	
Priority:	Normal	
Assignee:	matz (Yukihiro Matsumoto)	
Target version:	2.6	
Description		
<pre>=begin [ruby-core:24673] Proc#to_source Method#to_source 1.8 node.h node#iseq node#iseq proc = ->(x, y) { x + y } proc.to_source #=> "x + y" =end</pre>		
Related issues:		
Blocks Ruby master - Feature #1857: install *.h and *.inc	Closed	08/02/2009

History

#1 - 09/11/2009 02:43 AM - ko1 (Koichi Sasada)

```
=begin
Proc#to_source
```

Yuki Sonoda wrote::

ko1: Koichi Sasada, ko1: core, Target version: 1.9.2

```
[ruby-core:24673] Proc#to_source Method#to_source 1.8 node.h node#iseq
node#iseq
```

node#iseq

```
node#iseq
node#iseq 1.9.3
node#iseq2
```

```
node#iseq
node#iseq
```

```
node#iseq
node#iseq
```

- node 1.1 node#iseq
- C node#iseq
- ISeq#to_source node#iseq 3.1 ISeq CRuby node#iseq
- node#iseq Rails node#iseq MB node#iseq 4.1 node#iseq 4.2 node#iseq
 - node#iseq 4.2.1 eval node#iseq 4.2.3 eval node#iseq or nil node#iseq 4.3 node#iseq trace node#iseq require node#iseq iseq node#iseq Rails node#iseq
 - node#iseq MB node#iseq node#iseq 4.4 node#iseq VALUE node#iseq GC pressure node#iseq -> node#iseq 4.5 temp file node#iseq Ruby
- node#iseq 5.1 node#iseq 5.2 node#iseq Proc node#iseq Proc node#iseq
- node#iseq 6.1 node#iseq
- CRuby node#iseq

```
--
// SASADA Koichi at atdot dot net
```

```
=end
```

#2 - 09/13/2009 08:33 PM - dohzya (Etienne Vallette d'Osia)

=begin
An other way would be to create a spec to represent ruby code into s-expression.
Each interpreter transforms its internal representation into a standard s-expression,
so ruby gains a cool and powerful lisp feature.
Maybe a simple lib/gem could provide this feature to some of the existing interpreters (like ruby_parser for cruby 1.8).

It makes the file-pointing impossible (unless a temp file is created, containing only s-expressions)
but if it is possible to transform iseq to sexpr, it will makes the files-pointing useless.

Building source from sexpr is already done by some projects, so I suppose it's not a big deal.
=end

#3 - 09/14/2009 08:51 PM - yugui (Yuki Sonoda)

=begin
2009年9月11日 2:43 SASADA Koichi ko1@atdot.net:

日本語のRubyのS-Expressionの仕様を
1.9.3で実装する予定です。
2.0.0でも実装する予定です。

日本語のRubyのS-Expressionの仕様を

Railsのメモリ使用量を
削減する予定です。

- 日本語のRubyのS-Expressionの仕様を
- 削減する予定です。

--
Yugui (Yuki Sonoda)
yugui@yugui.jp
<http://yugui.jp>

=end

#4 - 12/22/2009 10:41 PM - rogerdpack (Roger Pack)

=begin
Note that you can "reget" source by using #source_location (except for dynamic methods).
Maybe an iseq "reverse compiler" would be helpful for dynamic methods [and/or instead of this]?

-r
=end

#5 - 02/28/2010 09:48 PM - mame (Yusuke Endoh)

- Target version changed from 1.9.2 to 2.0.0

=begin
日本語

日本語のRubyのS-Expressionの仕様を
1.9.3で実装する予定です。
2.0.0でも実装する予定です。

1.9.2のTarget versionを日本語

1.9.2 will not include this feature.
This ticket just remains for further discussion to aim to include
this feature in 1.9.3 or later.

--
Yusuke Endoh mame@tsg.ne.jp
=end

#6 - 09/14/2010 04:16 PM - shyouhei (Shyouhei Urabe)

- Status changed from Open to Assigned

=begin

=end

#7 - 04/04/2012 09:15 AM - rogerdpack (Roger Pack)

Still looking forward to this feature request :)

#8 - 06/26/2012 04:04 AM - ko1 (Koichi Sasada)

- *Description updated*

- *Assignee changed from ko1 (Koichi Sasada) to matz (Yukihiro Matsumoto)*

□□□□□□□□□□□□□□□□□□□□□□□□□□□□

#9 - 11/20/2012 11:00 PM - mame (Yusuke Endoh)

- *Target version changed from 2.0.0 to 2.6*

#10 - 03/01/2015 06:12 AM - riffraff (gabriele renzi)

any hope to finally see this?

#11 - 11/29/2017 07:26 AM - matz (Yukihiro Matsumoto)

- *Status changed from Assigned to Rejected*

Use source_location.

Matz.