Ruby master - Feature #971

Reinstate RubyVM::InstructionSequence::load

01/03/2009 12:13 PM - lobster_johnson (Alexander Staubo)

Status:	Rejected	
Priority:	Normal	
Assignee:	ko1 (Koichi Sasada)	
Target version:	1.9.2	

Description

=begin
Currently the definition of the load method in iseq.c is commented out "because there is no verifier". The fact that InstructionSequence::compile.to_a has no assembling counterpart that can turn the serialized output back into an iseq object greatly restricts the usefulness InstructionSequence. For example, there is no way to disassemble a method, send it over the network and then assemble it again. The method should be re-enabled even though there is no verifier yet.
=end

History

#1 - 01/13/2009 08:55 PM - yugui (Yuki Sonoda)

- Priority changed from 5 to Normal

- Target version changed from 1.9.1 RC2 to 2.0.0

=begin

=end

#2 - 01/18/2009 10:32 PM - lobster_johnson (Alexander Staubo)

- File iseq.patch added

=begin
Here's the patch that would make me happy.

=end

#3 - 01/18/2009 10:46 PM - ko1 (Koichi Sasada)

=begin
Alexander Staubo wrote::

> Currently the definition of the load method in iseq.c is commented out "because there is no verifier". The fact that
> InstructionSequence::compile.to_a has no assembling counterpart that can turn the serialized output back into an iseq object greatly restricts the
> usefulness InstructionSequence. For example, there is no way to disassemble a method, send it over the network and then assemble it again.
> The method should be re-enabled even though there is no verifier yet.

You can write an extension in C with "ruby_iseq_load()".

Note that I can't guarantee the compatibility of bytecode set and
format. In fact, some instructions may changed in 1.9.2 because of lack
of functionality.

--
// SASADA Koichi at atdot dot net

=end

#4 - 01/18/2009 10:53 PM - ko1 (Koichi Sasada)

=begin
SASADA Koichi wrote::

> You can write an extension in C with "ruby_iseq_load()".

...

Why "ruby_" instead of "rb_"? This function is for C Extension or ruby
core. Not for outside Ruby.

I think this API should be "rb_iseq_load()".

Nobu, do you know the reason?

--
// SASADA Koichi at atdot dot net

=end

#5 - 02/02/2009 01:03 PM - ko1 (Koichi Sasada)

- Assignee set to ko1 (Koichi Sasada)

- Target version changed from 2.0.0 to 1.9.2

=begin

=end

#6 - 02/28/2010 09:32 PM - ko1 (Koichi Sasada)

- Status changed from Open to Rejected

=begin

=end

Files

iseq.patch	798 Bytes	01/18/2009	lobster_johnson (Alexander Staubo)