require "yaml" doesn't use psych as default

04/08/2010 11:14 AM - usa (Usaku NAKAMURA)

Status: Closed
Priority: Normal
Assignee:
Target version: 2.0.0

Description
=begin
why?
=end

Related issues:
Related to Ruby master - Feature #2340: Removing YAML/Syck
Rejected 11/06/2009

History
#1 - 04/08/2010 02:06 PM - naruse (Yui NARUSE)
=begin
= Before
require 'yaml' and you can use YAML by syck.
= History
#2340 Removing YAML/Syck.
http://redmine.ruby-lang.org/issues/show/2340
After imported psych, it is found that test-all conflicts.
To avoid this, yamler is introduced.
By yamler people can switch syck or psych (default is syck).

= Current
There is 3 element:
  • lib/yaml.rb
  • ext/syck
  • ext/psych

= Q&A
Why psych is bundled:
  • To review psych

Why psych is not default:
  • it is not confirmed that it can be default in 1.9.2
  • it has some incompatibilities showed following.

Why syck is still bundled:
  • for machines which libyaml is not installed
  • for Windows

Incompatibilities are following, can you explain why it can't compatible, Aaron?
ext/syck/lib/syck.rb: YAML.generic_parser is deprecated, switch to psych*
ext/syck/lib/syck.rb: YAML.resolver is deprecated
ext/syck/lib/syck.rb: YAML.emitter is deprecated
ext/syck/lib/syck.rb: YAML.each_document is deprecated
ext/syck/lib/syck.rb: YAML.each_node is deprecated
ext/syck/lib/syck.rb: YAML.parse_documents is deprecated, use load_stream
ext/syck/lib/syck.rb: YAML.add_ruby_type is deprecated, use add_domain_type
ext/syck/lib/syck.rb: YAML.add_private_type is deprecated, use add_domain
ext/syck/lib/syck.rb: YAML.detect_implicit is deprecated
ext/syck/lib/syck.rb: YAML.tagurize is deprecated
ext/syck/lib/syck.rb: YAML.transfer is deprecated
ext/syck/lib/syck.rb: YAML.try_implicit is deprecated
ext/syck/lib/syck.rb: YAML.read_type_class is deprecated
Why psych is not default:

- it is not confirmed that it can be default in 1.9.2

You wrote that "It's decided by Yugui." at [ruby-core:28828]. Didn't it mean to make psych the default YAML engine?

Other methods are deprecated because they are simply duplicates. For example, YAML.load_documents and YAML.each_document do exactly the same thing. YAML.each_node and YAML.parse_documents do exactly the same thing.

Duplication is not enough reason to break compatibility.

Yes, your preference should be respect.
You can remove them with some migrating process.

Usual Ruby's process of removing API is:

- mark the API as deprecated
- release some versions
- remove it

On top of that, most of these methods are untested, which makes writing 100% compatible software impossible. All of these methods could be added to Psych, but it wouldn't be guaranteed that they work the same way as Syck.
Of course 100% is impossible. What we need is almost compatible. "almost" means what people use.

I understood from [ruby-core:28749], that Psych didn't need to have full compatibility. The best way I could think to warn users and maintain compatibility is to default to the old parser and let users choose to use the new one.

If psych doesn't have enough compatibility to replace in 1.9.2, we need some migration path.

I am happy to add most of these to Psych, if Psych is going to be the default parser. I do not want to support these methods long term though. Please give me a clear direction, and I will make it happen.

If psych has enough compatibility, it can be a default parser in 1.9.2. As far as I know, YAML.quick_emit breaks some applications like RubyGems.

Yeah, what is "enough compatibility" is the problem. I think, Rails and its dependency can run can be a test.

--

NARUSE, Yui
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=end

#4 - 04/09/2010 02:43 PM - naruse (Yui NARUSE)

=begin
2010/4/8 Usaku NAKAMURA redmine@ruby-lang.org:

Issue #3112 has been updated by Usaku NAKAMURA.

Why psych is not default:
  • it is not confirmed that it can be default in 1.9.2

You wrote that "It's decided by Yugui." at [ruby-core:28828]. Didn't it mean to make psych the default YAML engine?

What I wanted to say is the direction replacing syck with psych is already decided. When it will be done is not intended; 1.9.2 or 1.9.3 or later.

Sorry for misleading.
--
NARUSE, Yui
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=end

#5 - 04/10/2010 07:11 PM - naruse (Yui NARUSE)

=begin
I found Aaron added YAML.quick_emit to Psych, thank.

So I tried test-all with setting psych as default yaml impl as following:

diff --git a/lib/yaml.rb b/lib/yaml.rb
index 9b5a9b2..0151973 100644
--- a/lib/yaml.rb
+++ b/lib/yaml.rb
@@ -40,4 +40,4 @@ module Psych
 ENGINE = YAML::ENGINE
end

-YAML::ENGINE.yamler = engine
+YAML::ENGINE.yamler = 'psych'

08/06/2021
diff --git a/test/psych/helper.rb b/test/psych/helper.rb
index 61049d6..256fe60 100644
--- a/test/psych/helper.rb
+++ b/test/psych/helper.rb
@@ -55,9 +55,3 @@ module Psych
end

require 'psych'
-
-# FIXME: remove this when syck is removed
-o = Object.new
-@a = o.method(:psych_to_yaml)
-@b = o.method(:to_yaml)
-raise "psych should define to_yaml" unless a == b

And I ran this and following result:
make RUBYOPT=-w TESTS='-v -x test/psych' test-all

2) Failure:

    test_to_yaml(Psych::TestArray) [/home/naruse/ruby/test/yaml/test_array.rb:11]:
    <[[a=>"b"], "foo"]> expected but was
    <["taguri", "!ruby/object:Array", ["to_yaml_style", 1]]>.

3) Failure:

    test_to_yaml(Psych::TestHash) [/home/naruse/ruby/test/yaml/test_hash.rb:11]:
    <[:a=>"b"]> expected but was
    <["taguri"=>"!ruby/object:Hash", "to_yaml_style"=>1]>

4) Failure:

    test_to_yaml(Psych::TestOmap) [/home/naruse/ruby/test/yaml/test_omap.rb:30]:
    Expected '/omap/' to match "--- !ruby/object:Psych::Omap
taguri: !
    "' to_yaml_style: 1
    "'.

5) Failure:

    test_to_yaml(Psych::TestSet) [/home/naruse/ruby/test/yaml/test_set.rb:13]:
    Expected '/set/' to match "--- !ruby/object:Psych::Set
    
taguri: !
    "' to_yaml_style: 1
    "'.

6) Error:

    test_load(Psych::TestStruct):
    Psych::SyntaxError: couldn't parse YAML at line 2 column 0
    /home/naruse/obj/ruby/ext/common/psych.rb:147:in parse'
    /home/naruse/obj/ruby/ext/common/psych.rb:147:in parse_stream'
    /home/naruse/obj/ruby/ext/common/psych.rb:118:in parse'
    /home/naruse/obj/ruby/ext/common/psych.rb:105:in load'
    /home/naruse/ruby/test/yaml/test_struct.rb:23:in `test_load'

7) Error:

    test_to_yaml(Psych::TestSymbol):
    TypeError: can't define singleton
    /home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:in extend_object'
    /home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:in nextextend'
    /home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:in quick_emit'
    /home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:15:into_yaml'
    /home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:199:in to_yaml'
    /home/naruse/ruby/test/yaml/test_symbol.rb:7:intest_to_yaml'

11) Failure:
    test_execute_field(TestGemCommandsSpecificationCommand)
    [/home/naruse/ruby/test/rubygems/test_gem_commands_specification_command.rb:83]:
    Expected "foo", not "".

12) Failure:
    test_write(TestGemConfigFile) [/home/naruse/ruby/test/rubygems/test_gem_config_file.rb:224]:
    install.
    Expected "--wrappers", not nil.

13) Failure:
    test_write_from_hash(TestGemConfigFile) [/home/naruse/ruby/test/rubygems/test_gem_config_file.rb:257]:
    backtrace.
14) Failure: test_sign_in_with_other_credentials_doesnt_overwrite_other_keys(TestGemGemcutterUtilities)

/[home/naruse/ruby/test/rubygems/test_gem_gemcutter_utilities.rb:64]:
Expected "a5dbb6ba150cb83aad2bb2fede64cf040453903", not nil.

15) Failure: test_sign_in_with_host(TestGemGemcutterUtilities) [home/naruse/ruby/test/rubygems/test_gem_gemcutter_utilities.rb:38]:
Expected "a5dbb6ba150cb83aad2bb2fede64cf040453903", not nil.

16) Failure: test_sign_in(TestGemGemcutterUtilities) [home/naruse/ruby/test/rubygems/test_gem_gemcutter_utilities.rb:26]:
Expected "a5dbb6ba150cb83aad2bb2fede64cf040453903", not nil.

17) Error: test_to_yaml_platform_legacy(TestGemSpecification):
TypeError: allocator undefined for NilClass
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:216:in allocate'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:216:in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:175:in visit_Psych_Nodes_Mapping'
/home/naruse/obj/ruby/ext/common/psych/visitors/visitor.rb:7:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:16:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in block in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in map'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:175:in visit_Psych_Nodes_Mapping'
/home/naruse/obj/ruby/ext/common/psych/visitors/visitor.rb:7:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:16:in accept'
/home/naruse/obj/ruby/ext/common/psych/nodes/node.rb:25:into_ruby'
/home/naruse/obj/ruby/ext/common/psych.rb:106:in load'
/home/naruse/ruby/test/rubygems/test_gem_specification.rb:886:intest_to_yaml_platform_legacy'

18) Error: test_to_yaml_fancy(TestGemSpecification):
TypeError: allocator undefined for NilClass
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:216:in allocate'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:216:in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:175:in visit_Psych_Nodes_Mapping'
/home/naruse/obj/ruby/ext/common/psych/visitors/visitor.rb:7:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:16:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in block in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in map'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:175:in visit_Psych_Nodes_Mapping'
/home/naruse/obj/ruby/ext/common/psych/visitors/visitor.rb:7:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:16:in accept'
/home/naruse/obj/ruby/ext/common/psych/nodes/node.rb:25:into_ruby'
/home/naruse/obj/ruby/ext/common/psych.rb:106:in load'
/home/naruse/ruby/test/rubygems/test_gem_specification.rb:867:intest_to_yaml_fancy'

19) Error: test_to_yaml(TestGemSpecification):
TypeError: allocator undefined for NilClass
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:216:in allocate'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:216:in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:175:in visit_Psych_Nodes_Mapping'
/home/naruse/obj/ruby/ext/common/psych/visitors/visitor.rb:7:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:16:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in block in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in map'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:217:in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:175:in visit_Psych_Nodes_Mapping'
/home/naruse/obj/ruby/ext/common/psych/visitors/visitor.rb:7:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:16:in accept'
/home/naruse/obj/ruby/ext/common/psych/nodes/node.rb:25:into_ruby'
/home/naruse/obj/ruby/ext/common/psych.rb:106:in load'
/home/naruse/ruby/test/rubygems/test_gem_specification.rb:858:intest_to_yaml'

20) Error: test_path_ok_eh_user(TestGemUninstaller):
TypeError: allocator undefined for NilClass
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:216:in allocate'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:216:in revive'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:175:in visit_Psych_Nodes_Mapping'
/home/naruse/obj/ruby/ext/common/psych/visitors/visitor.rb:7:in accept'
/home/naruse/obj/ruby/ext/common/psych/visitors/to_ruby.rb:16:in accept'
/home/naruse/obj/ruby/ext/common/psych/nodes/node.rb:25:into_ruby'
/home/naruse/obj/ruby/ext/common/psych.rb:106:in load'
/home/naruse/ruby/test/rubygems/test_gem_specification.rb:858:intest_to_yaml
test_numeric_cycle(YAML_Unit_Tests):
TypeError: can't define singleton
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:in extend_object'
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:innextextend'
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:in quick_emit'
/home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:15:into_yaml'
/home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:370:in to_yaml'
/home/naruse/ruby/test/yaml/test.yaml.rb:38:inassert_cycle'
/home/naruse/ruby/test/yaml/test.yaml.rb:1277:in 'test_numeric_cycle'

45) Failure:
test_range_cycle(YAML_Unit_Tests) [/home/naruse/ruby/test/yaml/test.yaml.rb:1231]:
"a"..."z" expected but was

46) Failure:
test_ranges(YAML_Unit_Tests) [/home/naruse/ruby/test/yaml/test.yaml.rb:1061]:
expected but was

47) Error:
test_ruby_complex(YAML_Unit_Tests):
TypeError: can't define singleton method "encode_with" for Complex
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:12:in singleton_method_added'
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:12:indefine_method'
/home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:15:into_yaml'
/home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:425:in to_yaml'
/home/naruse/ruby/test/yaml/test.yaml.rb:22:inassert_to_yaml'
/home/naruse/ruby/test/yaml/test.yaml.rb:1124:in 'test_ruby_complex'

48) Error:
test_ruby_rational(YAML_Unit_Tests):
TypeError: can't define singleton method "encode_with" for Rational
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:12:in singleton_method_added'
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:12:indefine_method'
/home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:15:into_yaml'
/home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:405:in to_yaml'
/home/naruse/ruby/test/yaml/test.yaml.rb:22:inassert_to_yaml'
/home/naruse/ruby/test/yaml/test.yaml.rb:1112:in 'test_ruby_rational'

49) Failure:
test_ruby_regexp(YAML_Unit_Tests) [/home/naruse/ruby/test/yaml/test.yaml.rb:1047]:
{"simple"=>/a.b/,
"complex"=>/[^?]+/i,
"case-insensitive"=>/George McFly/i} expected but was
{"taguri"=>"ruby/object:Hash", "to_yaml_style"=>1}.

50) Failure:
test_ruby_struct(YAML_Unit_Tests) [/home/naruse/ruby/test/yaml/test.yaml.rb:1084]:
{"#\n",
"#"} expected but was
{"taguri", "ruby/object:Array"}, {"to_yaml_style", 1}.

51) Failure:
test_spec_anchors_and_aliases(YAML_Unit_Tests) [/home/naruse/ruby/test/yaml/test.yaml.rb:244]:
{"arrival"=>"EDT", "departure"=>"LAX", "fareref"=>"DOGMA", "currency"=>"GBP"},
{"arrival"=>"MEL", "departure"=>"SYD", "fareref"=>"MADF", "currency"=>"AUD"},
{"arrival"=>"MCO", "departure"=>"JFK", "fareref"=>"DFSF", "currency"=>"USD"} expected but was
{"taguri", "ruby/object:Array"}, {"to_yaml_style", 1}.

52) Error:
test_spec_application_family(YAML_Unit_Tests):
Psych::SyntaxError: couldn't parse YAML at line 4 column 29
/home/naruse/ruby/ext/common/psych.rb:147:in parse'
/home/naruse/ruby/ext/common/psych.rb:147:in parse_stream'
/home/naruse/ruby/ext/common/psych.rb:118:in parse'
/home/naruse/ruby/ext/common/psych.rb:105:inload'
/home/naruse/ruby/test/yaml/test.yaml.rb:33:in assert_parse_only'
/home/naruse/ruby/test/yaml/test.yaml.rb:792:in test_spec_application_family'

53) Failure:
test_spec_builtin_literal_blocks(YAML_Unit_Tests) [/home/naruse/ruby/test/yaml/test.yaml.rb:910]:
{"both are equal to"=>"This has no newline."}
"is equal to"=>
"The \"\" characters may be
freely used. Leading white
space is significant.\nLine breaks are significant.\nThe value contains one\nnon-empty
line and ends with a single
line break, but does\nnot start with one.\n";
"also written as"=>"This has no newline.
"
"empty"=>
"indented and chomped"=>"This has no newline.
"
"both are equal to"=>"This has no newline.
}

54) Error:
test_spec_domain_prefix(YAML_Unit_Tests):
Psych::SyntaxError: couldn't parse YAML at line 1 column 26
/home/naruse/object/ruby/ext/common/psych.rb:147:in parse
/home/naruse/object/ruby/ext/common/psych.rb:147:in parse_stream
/home/naruse/object/ruby/ext/common/psych.rb:118:in parse
/home/naruse/object/ruby/ext/common/psych.rb:105:in load
/home/naruse/object/ruby/test/yaml/test_yaml.rb:33:in assert_parse_only
/home/naruse/object/ruby/test/yaml/test_yaml.rb:647:in test_spec_domain_prefix

55) Error:
test_spec_float_explicit(YAML_Unit_Tests):
Psych::SyntaxError: couldn't parse YAML at line 4 column 17
/home/naruse/object/ruby/ext/common/psych.rb:147:in parse
/home/naruse/object/ruby/ext/common/psych.rb:147:in parse_stream
/home/naruse/object/ruby/ext/common/psych.rb:118:in parse
/home/naruse/object/ruby/ext/common/psych.rb:105:in load
/home/naruse/object/ruby/test/yaml/test_yaml.rb:33:in assert_parse_only
/home/naruse/object/ruby/test/yaml/test_yaml.rb:810:in test_spec_float_explicit

56) Error:
test_spec_private_types(YAML_Unit_Tests):
NoMethodError: undefined method parse_documents' for Psych::Module
/home/naruse/object/ruby/test/yaml/test_yaml.rb:693:in test_spec_private_types

57) Error:
test_spec_root_fold(YAML_Unit_Tests):
Psych::SyntaxError: couldn't parse YAML at line 5 column 0
/home/naruse/object/ruby/ext/common/psych.rb:147:in parse
/home/naruse/object/ruby/ext/common/psych.rb:147:in parse_stream
/home/naruse/object/ruby/ext/common/psych.rb:118:in parse
/home/naruse/object/ruby/ext/common/psych.rb:105:in load
/home/naruse/object/ruby/test/yaml/test_yaml.rb:589:in `test_spec_root_fold'

58) Failure:
test_spec_simple_implicit_map(YAML_Unit_Tests) [home/naruse/object/ruby/test/yaml/test_yaml.rb:126]:
<{"hr"=>65, "avg"=>0.278, "rbi"=>147}> expected but was
<{"taguri"=>"!ruby/object:Hash", "to_yaml_style"=>1}>

59) Failure:
test_spec_simple_implicit_sequence(YAML_Unit_Tests) [home/naruse/object/ruby/test/yaml/test_yaml.rb:115]:
<"[Mark McGwire", "Sammy Sosa", "Ken Griffey"]" expected but was
<"[taguri", "!ruby/object:Array", "to_yaml_style", 1]>

60) Failure:
test_spec_simple_map_with_nested_sequences(YAML_Unit_Tests) [home/naruse/object/ruby/test/yaml/test_yaml.rb:140]:
<"["american"=>"Boston Red Sox", "Detroit Tigers", "New York Yankees"],
"national"=>"New York Mets", "Chicago Cubs", "Atlanta Braves"]" expected but was
<"[taguri"=>"!ruby/object:Hash", "to_yaml_style"=>1}>

61) Failure:
test_spec_simple_sequence_with_nested_map(YAML_Unit_Tests) [home/naruse/object/ruby/test/yaml/test_yaml.rb:159]:
<"["name"=>"Mark McGwire", "hr"=>65, "avg"=>0.278],
"name"=>"Sammy Sosa", "hr"=>63, "avg"=>0.288]" expected but was
<"[taguri", "!ruby/object:Array", "to_yaml_style", 1]>

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62) Error:

test_spec_url_escaping(YAML_Unit_Tests):
Psych::SyntaxError: couldn't parse YAML at line 1 column 25
/home/naruse/obj/ruby/ext/common/psych.rb:147:in parse'
/home/naruse/obj/ruby/ext/common/psych.rb:147:in parse_stream'
/home/naruse/obj/ruby/ext/common/psych.rb:118:in parse'
/home/naruse/obj/ruby/ext/common/psych.rb:105:in load'
/home/naruse/ruby/test/yaml/test_yaml.rb:33:in assert_parse_only'
/home/naruse/ruby/test/yaml/test_yaml.rb:725:in test_spec_url_escaping'

63) Error:
test_symbol_cycle(YAML_Unit_Tests):
TypeError: can't define singleton
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:in extend_object'
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:ininextextend'
/home/naruse/obj/ruby/ext/common/psych/deprecated.rb:10:in quick_emit'
/home/naruse/obj/ruby/ext/common/syck/rubytypes.rb:15:in to_yaml'
/home/naruse/ruby/test/yaml/test_yaml.rb:38:in assert_cycle'
/home/naruse/ruby/test/yaml/test_yaml.rb:1262:in test_symbol_cycle

64) Failure:
test_time_now_cycle(YAML_Unit_Tests) [/home/naruse/ruby/test/yaml/test_yaml.rb:1220]:
expected but was

65) Error:
test_ypath_parsing(YAML_Unit_Tests):
NameError: uninitialized constant Psych::YPath
/home/naruse/ruby/test/yaml/test_yaml.rb:42:in assert_path_segments'
/home/naruse/ruby/test/yaml/test_yaml.rb:1165:in test_ypath_parsing'

--
NARUSE, Yui naruse@airemix.jp
=end

#6 - 04/11/2010 09:20 AM - naruse (Yui NARUSE)
=begin

(2010/04/11 8:48), Aaron Patterson wrote:

I am surprised about the rubygems failures. With the following patch, I
am able to run the rubygems tests, like this:

$ GEM_HOME=/tmp GEM_PATH=/tmp make test-all TESTS=rubygems
diff --git a/lib/yaml.rb b/lib/yaml.rb
index 9b5a9b2..0151973 100644
--- a/lib/yaml.rb
+++ b/lib/yaml.rb
@@ -40,4 +40,4 @@ module Psych
-ENGINE = YAML::ENGINE
+ENGINE = 'psych'
diff --git a/test/rubygems/gemutilities.rb b/test/rubygems/gemutilities.rb
index bb94750..ce31d8e 100644
--- a/test/rubygems/gemutilities.rb
+++ b/test/rubygems/gemutilities.rb
@@ -8,13 +8,7 @@ else
 require 'rubygems'
 end
 require 'fileutils'
-end
+begin

 gem 'minitest', '>= 1.3.1'
 require 'minitest/unit' -rescue Gem::LoadError
 warn "Install minitest gem== 1.3.1" 
 raise -end +require 'minitest/unit' require 'tmpdir' require 'uri' require 'rubygems/package'

Bundled minitest is 1.6.0(-dev?) after r27076, so why this is needed...

Some of the Syck YAML tests (like test_spec_application_family and test_spec_url_escaping) contain invalid YAML, so Psych will raise an exception. Do diff test/yaml/test_yaml.rb test/psych/test_yaml.rb to see the differences.

Yeah, I know some of them are intended. I want to confirm that all of them are from invalid YAML. I will make test/yaml/* use the syck engine.

OK, it may have to move to test/syck.

I can't run make test-all on Snow Leopard because of the problem I mentioned in [ruby-core:29087]. I will try on linux.

Can you make a ticket in Redmine for [ruby-core:29087]?

For workaround you can run test-all like following:
make RUBYOPT=-w TESTS='-v -x "test/drb|test/socket"' test-all

---
NARUSE, Yui naruse@airemix.jp
=end

#7 - 04/11/2010 10:23 AM - drbrain (Eric Hodel)
=begin
On Apr 10, 2010, at 17:58, Aaron Patterson wrote:
diff --git a/test/rubygems/gemutilities.rb b/test/rubygems/gemutilities.rb
index bb94750..cea1dbe 100644
--- a/test/rubygems/gemutilities.rb
+++ b/test/rubygems/gemutilities.rb
@@ -8,13 +8,7 @@ else
   require 'rubygems'
 end
 require 'fileutils'
-@begin
+require 'minitest/unit'
 require 'tmpdir'
 require 'uri'
 require 'rubygems/package'

 Bundled minitest is 1.6.0(-dev?) after r27076, so why this is needed...

 I'm not sure. I've applied this to trunk with Eric's permission.

 Won't the bundled minitest will only be available after install?
=end

#8 - 04/11/2010 01:59 PM - naruse (Yui NARUSE)
=begin
(2010/04/11 10:23), Eric Hodel wrote:
On Apr 10, 2010, at 17:58, Aaron Patterson wrote:

diff --git a/test/rubygems/gemutilities.rb b/test/rubygems/gemutilities.rb
index bb94750..cea1dbe 100644
--- a/test/rubygems/gemutilities.rb
+++ b/test/rubygems/gemutilities.rb
@@ -8,13 +8,7 @@
 require 'rubygems'
 end
 require 'fileutils'
-begin
 gem 'minitest', '>= 1.3.1'
 require 'minitest/unit' -rescue Gem::LoadError
 warn "Install minitest gem>= 1.3.1"
 raise -end +require 'minitest/unit' require 'tmpdir' require 'uri' require 'rubygems/package'

 Bundled minitest is 1.6.0(-dev?) after r27076, so why this is needed...

 I'm not sure. I've applied this to trunk with Eric's permission.

 Won't the bundled minitest will only be available after install?

 Ah, yes, so this can be a bug of Gem's load path.
 Also note that this can be avoided by install before test-all.

 --
 NARUSE, Yui  naruse@airemix.jp
=end

#9 - 04/11/2010 02:04 PM - naruse (Yui NARUSE)
=begin
(2010/04/11 8:48), Aaron Patterson wrote:

diff --git a/test/rubygems/test_gem_specification.rb b/test/rubygems/test_gem_specification.rb
index 5979890..337073f 100644
--- a/test/rubygems/test_gem_specification.rb
+++ b/test/rubygems/test_gem_specification.rb
@@ -1,5 +1,6 @@
 require_relative 'gemutilities'
 require 'stringio'
+require 'date'
 require 'rubygems/specification'

 class TestGemSpecification<  RubyGemTestCase

 This is from the difference of loaded libraries between syck and psych.
 So this is considered as compatibility problem and this is fixed by psych.

 Example is following but where 'require 'date' is is upon you.

diff --git a/ext/psych/lib/psych/deprecated.rb b/ext/psych/lib/psych/deprecated.rb
index 5a96e91..c0c9abe 100644
--- a/ext/psych/lib/psych/deprecated.rb
+++ b/ext/psych/lib/psych/deprecated.rb
@@ -1,3 +1,5 @@
 require_relative 'gemutilities'
 require 'stringio'
+require 'date'
 require 'rubygems/specification'

class TestGemSpecification<  RubyGemTestCase

 This is from the difference of loaded libraries between syck and psych.
 So this is considered as compatibility problem and this is fixed by psych.

 Example is following but where 'require 'date' is is upon you.
#10 - 04/14/2010 10:22 AM - naruse (Yui NARUSE)

=end
Current syck is mixed old YAML and YAML::Syck.
This breaks compatibility like following:
http://pc12.2ch.net/test/read.cgi/tech/1265467681/871

It also says require 'yaml/syck' should work.

People may require 'yaml' and use YAML::Syck, but we should give up such case.
=end

#11 - 05/06/2010 05:00 PM - usa (Usaku NAKAMURA)

=end
Hello,

In message "[ruby-core:30044] Re: [Bug #3112] require "yaml" doesn't use psych as default"
on May.06,2010 15:46:00, aaron@tenderlovemaking.com wrote:

Bug #3112: require "yaml" doesn't use psych as default
http://redmine.ruby-lang.org/issues/show/3112

Author: Usaku NAKAMURA
Status: Open, Priority: Normal
Category: lib, Target version: 1.9.2
ruby -v: ruby 1.9.2dev (2010-04-08 trunk 27255)

why?

Rails runs with Psych as default. Our applications at work run well
with Psych as default.

I would like to make Psych default YAML parser for 1.9.2. What do you
think?

IMO, if Psych is enough compatible with Syck, Psych should be
the default YAML parser, like the way of the decision performed
about ext/fiddle and ext/dl recently.

However, naruse has already explained the intention of yugui at
[ruby-core:29377].
I don't want to disobey the branch/release manager about this
matter :)

Regards,
--
U.Nakamura usa@garbagecollect.jp
=end

#12 - 05/18/2010 08:30 PM - yugui (Yuki Sonoda)

- Target version changed from 1.9.2 to 2.0.0

=end

I think syck works more or less correctly unlike dl2. So I want to decide it conservatively. I don't want to switch the default yaml engine to psych.

#13 - 05/19/2010 03:22 AM - wycats (Yehuda Katz)

=end
Yugui,

I am worried about possible encoding issues that can come in Syck that will
be hard to fix. For instance, Aaron was able to fix Psych to honor
default_internal in just a few days, and there is no real maintainer for
Syck.

Since Aaron is the maintainer for Psych, and there is no maintainer for
Syck, I think it makes sense to make Psych the default, with the yamler=
option for backward compatibility.
On Tue, May 18, 2010 at 3:30 PM, Yuki Sonoda wrote:

Issue #3112 has been updated by Yuki Sonoda.

Target version changed from 1.9.2 to 1.9.x

I think syck works more or less correctly unlike dl2. So I want to decide it conservatively. I don't want to switch the default yaml engine to psych.

http://redmine.ruby-lang.org/issues/show/3112

Yugi, I am worried about possible encoding issues that can come in Syck that will be hard to fix. For instance, Aaron was able to fix Psych to honor default_internal in just a few days, and there is no real maintainer for Syck. Since Aaron is the maintainer for Psych, and there is no maintainer for Syck, I think it makes sense to make Psych the default, with the yamler= option for backward compatibility.

Yehuda Katz
Architect | Engine Yard
(ph) 718.877.1325

On Tue, May 18, 2010 at 08:30:14PM +0900, Yuki Sonoda wrote:

Issue #3112 has been updated by Yuki Sonoda.

Target version changed from 1.9.2 to 1.9.x

I think syck works more or less correctly unlike dl2. So I want to decide it conservatively. I don't want to switch the default yaml engine to psych.

I'm afraid that if we use Syck as default, no one will see errors from invalid YAML files. If we make Psych as default, people will see errors with their YAML files but have the option to move back to Syck.

Are we going to remove Syck in 1.9.3? If we don't make Psych default in 1.9.2, it seems to me that we have to wait until 1.9.4 to remove Syck.

Since Syck has no active maintainer, it seems bad to wait so long to remove it.

--
Aaron Patterson
http://tenderlovemaking.com/

Attachment: (unnamed)

#15 - 05/24/2010 08:29 AM - wycats (Yehuda Katz)

Bump.
Bump. I think the lack of a Syck maintainer, yet making Syck the default in 1.9.2 needs to be addressed. 1.9.2 is probably going to be the de-facto release for some time. What's the rationale for keeping an unmaintained major component when a maintained version is available in the standard library?

Yehuda Katz
Architect | Engine Yard
(ph) 718.877.1325

On Tue, May 18, 2010 at 11:31 AM, Aaron Patterson <aaron@tenderlovemaking.com> wrote:

On Tue, May 18, 2010 at 08:30:14PM +0900, Yuki Sonoda wrote:

> Issue #3112 has been updated by Yuki Sonoda.
>
> Target version changed from 1.9.2 to 1.9.x
>
> I think syck works more or less correctly unlike dl2. So I want to decide it conservatively. I don't want to switch the default yaml engine to psych.

> I'm afraid that if we use Syck as default, no one will see errors from invalid YAML files. If we make Psych as default, people will see errors with their YAML files but have the option to move back to Syck.

> Are we going to remove Syck in 1.9.3? If we don't make Psych default in 1.9.2, it seems to me that we have to wait until 1.9.4 to remove Syck.

> Since Syck has no active maintainer, it seems bad to wait so long to remove it.

--

Aaron Patterson
http://tenderlovemaking.com/

Any updates on this? Is there some way I can ensure that my code is using the bundled psych?

Anshul
#17 - 08/29/2010 07:24 AM - tenderlovemaking (Aaron Patterson)

=begin
On Fri, Aug 27, 2010 at 09:09:27PM +0900, Anshul Khandelwal wrote:

Issue #3112 has been updated by Anshul Khandelwal.

Any updates on this? Is there some way I can ensure that my code is using the bundled psych?

Psych is an "opt-in" experience for 1.9.2. I'm not sure when we'll make it the default YAML object.

There are two ways you can use Psych. The first way is to just require psych and reference the Psych constant:

```ruby
require 'psych'
Psych.load '--- hello world!'
Psych.dump { :goodbye => 'cruel world' }
```

The second way is to change the YAML engine:

```ruby
require 'yaml'
YAML::ENGINE.yamler = 'psych'
YAML.load '--- hello world!'
YAML.dump { :goodbye => 'cruel world' }
```

Setting the engine will replace the YAML constant with the Psych constant. Using the first example will absolutely guarantee using Psych. The second example cannot guarantee usage because other libraries could possibly set the engine back to "syck" without your knowledge.

--
Aaron Patterson
http://tenderlovemaking.com/

Attachment: (unnamed)
=end

#18 - 08/29/2010 04:11 PM - nobu (Nobuyoshi Nakada)

=begin
(10/08/29 7:24), Aaron Patterson wrote:

On Fri, Aug 27, 2010 at 09:09:27PM +0900, Anshul Khandelwal wrote:

There are two ways you can use Psych. The first way is to just require psych and reference the Psych constant:

```ruby
require 'psych'
Psych.load '--- hello world!'
Psych.dump { :goodbye => 'cruel world' }
```

The second way is to change the YAML engine:

```ruby
require 'yaml'
YAML::ENGINE.yamler = 'psych'
YAML.load '--- hello world!'
YAML.dump { :goodbye => 'cruel world' }
```

And the third way is to require psych before yaml:

```ruby
require 'psych'
require 'yaml'

# p YAML::ENGINE.yamler # => 'psych'
YAML.load '--- hello world!'
YAML.dump { :goodbye => 'cruel world' }
```

--
#19 - 06/26/2011 02:16 PM - naruse (Yui NARUSE)
- Status changed from Open to Closed