Ruby master - Feature #16420
Warning[:experimental]=false
12/14/2019 02:42 PM - znz (Kazuhiro NISHIYAMA)

Status: Closed
Priority: Normal
Assignee: 
Target version: 2.7

Description
Current master always warn pattern matching syntax.
It discourage users try them.

Another noisy warnings can stop by Warning[:deprecated]=false.

So I think the future may be more useful if Warning[:experimental]=false or Warning[:pattern_matchin]=false can stop warnings.

Associated revisions
Revision 07e595fd - 12/20/2019 02:48 PM - nobu (Nobuyoshi Nakada)
Added experimental warning category

Revision 484c1be8 - 12/20/2019 02:51 PM - nobu (Nobuyoshi Nakada)
Added -W:experimental command line option

Revision 3739ddc3 - 12/24/2019 03:11 AM - nobu (Nobuyoshi Nakada)
Added -W:experimental to --help [Feature #16420]

History

#1 - 12/14/2019 04:06 PM - shevegen (Robert A. Heiler)
Although I can not say whether the specific API proposed here is useful or not (matz may just have to decide on the API for general use), I agree with the statement of controlling/toggling the "noise" level, based on different needs by the ruby user - some prefer warnings, which is fine, whereas others may prefer less warnings (or just suppress some warnings specifically while allowing others to show up).

I do not have an alternative API proposal, but the suggestions here make sense to me.

I think :deprecated and :pattern_matching is simple to understand; for :experimental, it may have to be defined clearly what exactly is to be considered experimental and what is not, since this may change between ruby versions.

Perhaps there should be some way to query from ruby which specific features are experimental or not, e.g. an Array of symbols or something like that. That way the ruby user can make conditional checks and enable/disable certain features selectively (or not), or rather the warnings for such experimental features, on a per gem/project basis too - but I digress.

In short I think the suggestion by znz makes sense.

#2 - 12/20/2019 05:41 AM - naruse (Yui NARUSE)
- Target version set to 2.7

#3 - 12/20/2019 03:07 PM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Applied in changeset git|07e595fd675ed4473073cdd8cd758572d11709.

Added experimental warning category
Changing the flag at runtime causes problems, mainly editors' syntax highlighting, ruby -c etc.

How about a new "magic comment" pragma?

```ruby
# -*- experimental-syntax: true -*-
```

or, more strictly

```ruby
# -*- experimental-syntax: pattern-matching -*-
```