Ruby master - Bug #16830

URI.parse raises NoMethodError instead of URI::InvalidURIError

05/05/2020 07:58 AM - csk157 (Česlovas Lopan)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
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<td>Target version:</td>
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<thead>
<tr>
<th>ruby -v:</th>
<th>Backport:</th>
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<tr>
<td>ruby 2.7.1p83 (2020-03-31 revision a0c7c23c9c) [x86_64-darwin19]</td>
<td>2.5: REQUIRED, 2.6: REQUIRED, 2.7: REQUIRED</td>
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**Description**

When parsing an invalid uri using URI.parse it is possible to get NoMethodError (undefined method[]' for nil:NilClass). I would expect URI::InvalidURIError or similar.

Example with a trace:

```ruby
irb(main):002:0> URI.parse("ldaps:https://example.com")
Traceback (most recent call last):
  10: from /Users/clopan/.rbenv/versions/2.7.1/bin/irb:23:in `<main>'
  9: from /Users/clopan/.rbenv/versions/2.7.1/bin/irb:23:in `load'
  8: from /Users/clopan/.rbenv/versions/2.7.1/lib/ruby/gems/2.7.0/gems/irb-1.2.3/exe/irb:11:in `<top (required)>'
  7: from (irb):1
  6: from (irb):2:in `rescue in irb_binding'
  5: from /Users/clopan/.rbenv/versions/2.7.1/lib/ruby/2.7.0/uri/common.rb:234:in `parse'
  4: from /Users/clopan/.rbenv/versions/2.7.1/lib/ruby/2.7.0/uri/rfc3986_parser.rb:76:in `parse'
  3: from /Users/clopan/.rbenv/versions/2.7.1/lib/ruby/2.7.0/uri/rfc3986_parser.rb:76:in `new'
  2: from /Users/clopan/.rbenv/versions/2.7.1/lib/ruby/2.7.0/uri/ldap.rb:116:in `initialize'
  1: from /Users/clopan/.rbenv/versions/2.7.1/lib/ruby/2.7.0/uri/ldap.rb:122:in `parse_dn'
NoMethodError (undefined method `[]' for nil:NilClass)
```

**Associated revisions**

Revision e04418bb - 05/05/2020 02:29 PM - nobu (Nobuyoshi Nakada)

[ruby/uri] Check if DN exists

https://bugs.ruby-lang.org/issues/16830

https://github.com/ruby/uri/commit/b4bf8c1217

**History**

#1 - 05/05/2020 02:33 PM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN to 2.5: REQUIRED, 2.6: REQUIRED, 2.7: REQUIRED
- Status changed from Open to Closed