

Ruby master - Feature #13532

Enable :encoding key or open-uri (open()) similar as to how File.read() and File.readlines() already allow for

05/01/2017 06:10 PM - shevegen (Robert A. Heiler)

Status:	Closed
Priority:	Normal
Assignee:	akr (Akira Tanaka)
Target version:	
Description	
<p>Hello ruby core team and everyone else.</p> <p>I lately had some odd behaviour and mixing of Encodings in my scripts.</p> <p>I had a better look and realized that open-uri would return UTF-8 whereas my other scripts would use another encoding. So far so good, no big deal, I can just change the encoding. But I was not aware of this.</p> <p>I then looked at the documentation and found it to be lacking:</p> <p>https://ruby-doc.org/stdlib-2.4.1/libdoc/open-uri/rdoc/OpenURI.html</p> <p>Compare this to File.readlines():</p> <p>https://ruby-doc.org/core-2.4.1/IO.html#method-c-readlines</p> <p>File.readlines() also tells you how many arguments can be passed.</p> <p>(1) So my first suggestion is - could some kind soul please also enable this for open-uri?</p> <p>The major reason for me filing this feature request, is about encoding support though, via open-uri.</p> <p>File.open() and File.readlines() both allow an :encoding key to be passed. This is very nifty, I use it a lot and it works very well.</p> <p>open-uri or rather its open() functionality, allows you to pass in a Hash but this Hash has no :encoding key.</p> <p>Example:</p> <pre>open("http://www.ruby-lang.org/", encoding: 'ISO-8859-1')</pre> <p>Error:</p> <pre>ArgumentError: unrecognized option: encoding</pre> <p>Could this perhaps be added for symmetry and consistency, so that open() from open-uri will behave like File.read() and File.readlines() would? E. g. an example for the latter would be.</p> <pre>File.readlines('foobar.rb', :encoding => 'ISO-8859-1')</pre> <p>The very same syntax could also be used for open() of open-uri.</p>	

History

#1 - 05/02/2017 12:16 AM - shyouhei (Shyouhei Urabe)

- Assignee set to akr (Akira Tanaka)
- Status changed from Open to Assigned

FYI bare (non-uri) open has encoding: option.

```
irb(main):001:0> File.open("tmp.txt", encoding: Encoding::Windows_31J) {|fp| fp.external_encoding }  
=> #<Encoding:Windows-31J>
```

#2 - 10/21/2017 06:25 AM - akr (Akira Tanaka)

- Status changed from Assigned to Closed

:encoding option is implemented at r60232.

Note that encoding in mode string is already possible as open(filename, "r:enc").