Ruby trunk - 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

Hello ruby core team and everyone else.

I lately had some odd behaviour and mixing of Encodings in my
scripts.

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.

I then looked at the documentation and found it to be lacking:

https://ruby-doc.org/stdlib-2.4.1/libdoc/open-uri/rdoc/OpenURI.html

Compare this to File.readlines():

https://ruby-doc.org/core-2.4.1/IO.html#method-c-readlines

File.readlines() also tells you how many arguments can be
passed.

(1) So my first suggestion is - could some kind soul please also
enable this for open-uri?

The major reason for me filing this feature request, is about
encoding support though, via open-uri.

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.

open-uri or rather its open() functionality, allows you to
pass in a Hash but this Hash has no :encoding key.

Example:

open("http://www.ruby-lang.org/", encoding: 'ISO-8859-1')

Error:

ArgumentError: unrecognized option: encoding

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.

```
File.readlines('foobar.rb', :encoding => 'ISO-8859-1')
```

The very same syntax could also be used for open() of
open-uri.

Thanks for reading!

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](r60232).

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