Ruby - Feature #565

Encoding::compatible? should also accept Encoding objects as parameters

09/15/2008 01:29 PM - mike (Michael Selig)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		

Description

=begin
Some software needs to do transcoding of strings or regexps to be compatible with incoming data from either a file or strings passed as parameters etc. It needs to say things like:

Encoding.compatible?(Encoding.default_external, str)
or:
Encoding.compatible?(io.internal_encoding, Encoding.find("ASCII"))
etc.

It is possible to do this by creating dummy strings in the encodings, and passing those, but in that case Ruby seems to try to optimize them based on content (eg: null strings), and so can say that the strings are compatible when in fact in general the encodings are not.
eg:
Encoding.compatible?("".force_encoding("UTF-16BE"), "".force_encoding("ASCII"))
=> #Encoding:UTF-16BE

So the request is to allow Encoding::compatible? to accept Encoding objects as well as strings and Regexps.
=end

History

#1 - 09/15/2008 02:19 PM - naruse (Yui NARUSE)

=begin
Hi,

Michael Selig wrote:

> Feature #565: Encoding::compatible? should also accept Encoding objects as parameters
> http://redmine.ruby-lang.org/issues/show/565
>
> Author: Michael Selig Status: Open, Priority: Normal
>
> Some software needs to do transcoding of strings or regexps to be compatible with incoming data from either
> a file or strings passed as parameters etc. It needs to say things like:
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> Encoding.compatible?(Encoding.default_external, str) or: Encoding.compatible?(io.internal_encoding,
> Encoding.find("ASCII")) etc.
>
> It is possible to do this by creating dummy strings in the encodings, and passing those, but in that case
> Ruby seems to try to optimize them based on content (eg: null strings), and so can say that the strings are
> compatible when in fact in general the encodings are not. eg:
> Encoding.compatible?("".force_encoding("UTF-16BE"), "".force_encoding("ASCII")) => #Encoding:UTF-16BE
>
> So the request is to allow Encoding::compatible? to accept Encoding objects as well as strings and Regexps.

r19357 allows Encoding::compatible? to accept Encoding and IO objects.

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NARUSE, Yui naruse@airemix.jp

=end

#2 - 09/15/2008 02:27 PM - naruse (Yui NARUSE)

- Status changed from Open to Closed

- % Done changed from 0 to 100

=begin
Applied in changeset r19357.
=end