Ruby master - Bug #18958

Kernel#sprintf doesn't apply format sequence in some encodings
08/06/2022 11:54 AM - andrykonchin (Andrew Konchin)

Status: Closed
Priority: Normal
Assignee: 
Target version: 
ruby -v: 3.0.3
Backport: 2.7: UNKNOWN, 3.0: UNKNOWN, 3.1: UNKNOWN

Description
I've noticed that sprintf does nothing (at least for %f) when format string is in the following encodings:

- UTF-16
- UTF-16BE
- UTF-16LE
- UTF-32
- UTF-32BE
- UTF-32LE
- UCS-2BE
- UCS-4BE
- UCS-4LE
- IBM037
- ebcdic-cp-us

Example:

```
format = "%10.4f".encode("UTF-32")
sprintf(format, 12.34)
# => "\uFEFF%10.4f"
```

Associated revisions

Revision 1a2f9927 - 08/20/2022 01:06 AM - nobu (Nobuyoshi Nakada)
[Bug #18958] format string must be ASCII compatible

History

#1 - 08/18/2022 09:06 AM - matz (Yukihiro Matsumoto)
I agree with raising exception when the format string is not ASCII compatible.
Matz.

#2 - 08/18/2022 09:45 AM - mame (Yusuke Endoh)
@naruse (Yui NARUSE), @nobu (Nobuyoshi Nakada), and @matz (Yukihiro Matsumoto) agreed that it should raise an exception if the format string is not ASCII-compatible.

#3 - 08/20/2022 03:23 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Applied in changeset gits1a2f99275be28fb0e8f4d40c0165966e99898d70.

[Bug #18958] format string must be ASCII compatible