### Description

I noticed if the salt contains non ascii value, the result is platform dependant. Especially, the salt start with "x00", the result is empty string on Linux.

On Linux,
```
ruby 1.9.3dev (2010-11-04 trunk 29682) [i686-linux]
irb(main):001:0> "foo".crypt("x00\0\0")
=> ""
irb(main):002:0> "foo".crypt("x00\0\01")
=> ""
```
```
On Windows,
```
ruby 1.9.3dev (2010-11-09 trunk 29737) [i386-mswin32_90]
irb(main):001:0> "foo".crypt("x00\0\0")
=> "..XXIp7/c78Qo"
irb(main):002:0> "foo".crypt("x00\0\01")
=> ".\01XXIp7/c78Qo"
```

I think that String#crypt shoud raise ArgError if "x00" used as a salt.

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### Related issues:

- Related to Ruby master - Bug #466: test_str_crypt(TestM17NComb) failed

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### History

#### #1 - 11/11/2010 11:57 AM - naruse (Yui NARUSE)

- Status changed from Open to Rejected

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String#crypt is the wrapper of crypt(3).
POSIX says crypt(3)'s algorithm is implementation-defined.
http://www.opengroup.org/onlinepubs/9699919799/functions/crypt.html
So your expectation, some of String#crypt's behavior is platform-independent, is wrong.

Moreover new applications should use digests.

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