

NAME

`crypt_preferred_method` — get the prefix of the preferred hash method

LIBRARY

Crypt Library (libcrypt, -lcrypt)

SYNOPSIS

```
#include <crypt.h>

const char*
crypt_preferred_method(void);
```

DESCRIPTION

crypt_preferred_method is a convenience function to get the prefix of the preferred hash method. If a preferred method is available, it is the same as the one also used by the **crypt_gensalt functions**, if their given *prefix* parameter is NULL.

RETURN VALUES

The string returned equals the prefix of the preferred hash method. If no preferred hash method is available it is NULL. It is safe to pass the string returned by **crypt_preferred_method** directly to **crypt_gensalt** without prior string-sanitizing nor NULL-pointer checks.

FEATURE TEST MACROS

`<crypt.h>` will define the macro `CRYPT_PREFERRED_METHOD_AVAILABLE` if **crypt_preferred_method** is available in the current version of libcrypt.

PORTABILITY NOTES

The function **crypt_preferred_method** is not part of any standard. It was added to libcrypt in version 4.4.0.

ATTRIBUTES

For an explanation of the terms used in this section, see *attributes(7)*.

Interface	Attribute	Value
crypt_preferred_method	Thread safety	MT-Safe

SEE ALSO

crypt_gensalt(3)