```
_U 1_L 2_N 4_S 8_P 16_C 32_B 64_X 128
_ctype[];isalpha(c) (_ctype[(c)+1]&(_U|_L))isupper(c) (_ctype[(c)
+1]&_U)islower(c) (_ctype[(c)+1]&_L)isdigit(c) (_ctype[(c)+1]&_N)isxdigit(c)
(_ctype[(c)+1]&_X)isspace(c) (_ctype[(c)+1]&_S)ispunct(c) (_ctype[(c)
+1]&_P)isalnum(c) (_ctype[(c)+1]&(_U|_L|_N))isprint(c) (_ctype[(c)+1]&(_P|
_U|_L|_N|_B))isgraph(c) (_ctype[(c)+1]&(_P|_U|_L|_N))iscntrl(c) (_ctype[(c)
+1]&_C)isascii(c) (()(c)<=127)iscsym(c) (isalnum(c)||
(((c)&127)==0x5f))iscsymf(c) (isalpha(c)||(((c)&127)==0x5f))toupper(c)
(islower(c)?((c)-('a'-'A')):(c))tolower(c) (isupper(c)?((c)+('a'-'A')):(c))toascii(c)
((c)&127)0L
```