

Mrs Crt function 文档

版本信息:

版本	日期	作者	修改内容
1.0	2011-10-27	Mrs	初步完整版本

**Run-Time Routines by Category**

Argument access	Floating-point support	Buffer manipulation	Input and output
Byte classification	Internationalization	Character classification	Memory allocation
Data conversion	Process and environment	Debug	Searching and sorting
Directory control	String manipulation	Error handling	System calls
Exception handling	Time management	File handling	

**Argument access**

va_arg	va_end	va_start
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**Floating-point support**

abs	acos	asin	atan	atof
Bessel	_cabs	ceil	_chgsign	_clear87
_control87	_copysign	cos	cosh	difftime
div	_ecvt	exp	fabs	_fcvt
_finite	floor	fmod	_fpclass	_fpieee
_fpreset	frexp	_gcvt	_hypot	_isnan
labs	ldexp	ldiv	log	log10
_logb	_lrotl	_matherr	__max	__min
modf	_nextafter	pow	printf	rand
_rotl	_scalb	scanf	sin	sinh
sqrt	srand	_status87	strtod	tan
tanh				

**Buffer manipulation**

_memccpy	memchr	memcmp	memcpy	_memicmp
memmove	memset	_swab		

**Input and output Stream IO**

clearerr	fclose	_fcloseall	_fdopen	feof
ferror	fflush	fgetc	_fgetchar	fgetpos
fgets	_fileno	_flushall	fopen	fprintf
fputc	_fputchar	fputs	fread	freopen
fscanf	fseek	fsetpos	_fsopen	ftell
fwrite	getc	getchar	gets	_getw
printf	putc	putchar	puts	_putw
rewind	_rmtmp	scanf	setbuf	_setmaxstdio
setvbuf	_snprintf	sprintf	sscanf	_tempnam
tmpfile	tmpnam	ungetc	vfprintf	vprintf
_vsnprintf	vsprintf			

**Input and output Low-level I/O**

_close	_commit	_creat	_dup	_dup2
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_eof	_lseek	_open	_read	_sopen
_tell	_umask	_write		

### Input and output Console and Port I/O

_cgets	_cprintf	_cputs	_cscanf	_getch
_getche	_inp	_inpd	_inpw	_kbhit
_outp	_outpd	_outpw	_putch	_ungetch

### Byte classification

isleadbyte	_ismbbalnum	_ismbbalpha	_ismbbgraph	_ismbbkalnum
_ismbbkana	_ismbbkprint	_ismbbkpunct	_ismbblead	_ismbbprint
_ismbbpunct	_ismbbtrail	_ismbslead	_ismbstrail	_mbsbtype
_mbsbtype				

### Internationalization

#### Character classification

isalnum	isalpha	__isascii	isctrl	__iscsym
__iscsymf	isdigit	isgraph	islower	_ismbchira
_ismbckata	_ismbclegal	_ismbcl0	_ismbcl1	_ismbcl2
_ismbcsymbol	isprint	ispunct	isspace	isupper
iswctype	isxdigit	mblen		

#### Memory allocation

_alloca	calloc	_calloc_dbg	_expand	_expand_dbg
free	_free_dbg	_get_sbh_threshold	_heapadd	_heapchk
_heapmin	_heapset	_heapwalk	malloc	_malloc_dbg
_msize	_msize_dbg	_query_new_handler	_query_new_mode	realloc
_realloc_dbg	_set_new_handler	_set_new_mode	_set_sbh_threshold	

#### Data conversion

abs	atof	atoi	atol	_ecvt
_fcvt	_gcvt	_itoa	labs	_ltoa
_mbbtombc	_mbcjstojms	_mbcmstojis	_mbctohira	_mbctokata
_mbctombb	mbstowcs	mbtowc	strtod	strtol
strtoul	strxfrm	__toascii	tolower	_tolower
toupper	_toupper	_ultoa	wcstombs	wctomb
_wtoi	_wtol			

#### Process and environment

abort	assert	_ASSERT	atexit	_beginthread
_cexit	_c_cexit	_cwait	_endthread	_execl
_execle	_execlp	_execlpe	_execv	_execve
_execvp	_execvpe	exit	_exit	getenv
_getpid	longjmp	_onexit	_pclose	perror
_pipe	_popen	_putenv	raise	setjmp
signal	_spawnl	_spawnle	_spawnlp	_spawnlpe
_spawnv	_spawnve	_spawnvp	_spawnvpe	system

#### Debug

_ASSERT	_ASSERTE	_CrtCheckMemory	_CrtDbgReport
_CrtDoForAllClientObjects	_CrtDumpMemoryLeaks	_CrtIsValidHeapPointer	_CrtIsMemoryBlock

_CrtIsValidPointer	_CrtMemCheckpoint	_CrtMemDifference	_CrtMemDumpAllObjectsSince
_CrtMemDumpStatistics	_CrtSetAllocHook	_CrtSetBreakAlloc	_CrtSetDbgFlag
_CrtSetDumpClient	_CrtSetReportFile	_CrtSetReportHook	_CrtSetReportMode
_RPT	_RPTF	_calloc_dbg	_expand_dbg
_free_dbg	_malloc_dbg	_msize_dbg	_realloc_dbg

### Searching and Sorting

bsearch	_lfind	_lsearch	qsort
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### Directory-Control

_chdir	_chdrive	_getcwd	_getdcwd	_getdrive
_mkdir	_rmdir	_searchenv		

### String manipulation

_mbcoll	_mbsdec	_mbsinc	_mbslen	_mbsnbcats
_mbsnbcmp	_mbsnbcnt	_mbsnbcpy	_mbsnbicmp	_mbsnbset
_mbsncnt	_mbsnextc	_mbsninc	_mbssnp	_mbstrlen
sprintf	strcat	strchr	strcmp	strcoll
strcpy	strcspn	_strdup	strerror	_strerror
strftime	_stricmp	strlen	_strlwr	strncat
strncmp	strncpy	_strnicmp	_strnset	strpbrk
strrchr	_strrev	_strset	strspn	strstr
strtok	_strupr	strxfrm	vsprintf	

### Error-Handling

assert	_ASSERT	clearerr	_eof	feof
ferror	_RPT			

### System Call

_findclose	_findfirst	_findnext
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### Exception-Handling

_set_se_translator	set_terminate	set_unexpected	terminate	unexpected
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### Time

asctime	clock	ctime	difftime	_ftime
_futime	gmtime	localtime	mktime	_strdate
strftime	_strtime	time	_tzset	_utime

### File-Handling

#### File Handle

_chsize	_filelength	_fstat	_isatty	_locking	_setmode
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#### Path or Filename

_access	_chmod	_fullpath	_get	_makepath
_mktemp	_open	remove	rename	_splitpath
_stat	_umask	_unlink		