

UpdateICMRegKey

The **UpdateICMRegKey** function installs, removes, or queries registry entries that identify ICC color profiles or color-matching DLLs. The function carries out the action specified by the *nCommand* parameter.

```
BOOL UpdateICMRegKey(  
    DWORD dwReserved,  
    DWORD CMID,  
    LPTSTR lpzFileName,  
    UINT nCommand  
);
```

Parameters

dwReserved

Reserved; must be zero.

CMID

Profile identifier of the color-matching DLL to use with the profile.

lpzFileName

Pointer to a zero-terminated string that specifies the filename of an ICC color profile or address of a **DEVMODE** structure, depending on the value of *nCommand*.

nCommand

Action flag. This parameter can have one of the following values:

ICM_ADDPROFILE	Adds the ICC profile to the ICM branch in the registry.
ICM_DELETEPROFILE	Deletes the ICC profile from the ICM branch in the registry.
ICM_QUERYPROFILE	Determines if the profile is in the ICM branch of the registry.
ICM_SETDEFAULTPROFILE	Makes the profile first among equals.
ICM_REGISTERICMATCHER	Equates a CMID to a color-matching DLL.
ICM_UNREGISTERICMATCHER	Removes the reference between CMID and a color-matching DLL.
ICM_QUERYMATCH	Determines if a profile exists based on the DEVMODE pointed to by <i>lpzFileName</i> .

Return Value

If the function succeeds, the return value is TRUE.

If the function fails, the return value is NULL.

Remarks

GDI uses the registry to keep track of ICC profiles installed in the system (listed in the registry). Although not required, if ICC profiles are copied to a local directory, they should be placed in the Color directory in the Windows System directory.