

EnumEnhMetaFile

The **EnumEnhMetaFile** function enumerates the records within an enhanced-format metafile by retrieving each record and passing it to the specified callback function. The application-supplied callback function processes each record as required. The enumeration continues until the last record is processed or when the callback function returns zero.

```
BOOL EnumEnhMetaFile(  
    HDC hdc, // handle of device context  
    HENHMETAFILE hemf, // handle of enhanced metafile  
    ENHMFENUMPROC lpEnhMetaFunc, // address of callback function  
    LPVOID lpData, // address of callback-function data  
    CONST RECT * lpRect // address of bounding rectangle  
);
```

Parameters

hdc

Identifies a device context. This handle is passed to the callback function.

hemf

Identifies an enhanced metafile.

lpEnhMetaFunc

Points to the application-supplied callback function. For more information, see the [EnhMetaFileProc](#) function.

lpData

Points to optional callback-function data.

lpRect

Points to a [RECT](#) structure that specifies the coordinates of the picture's upper-left and lower-right corners. The dimensions of this rectangle are specified in logical units.

Return Value

If the callback function successfully enumerates all the records in the enhanced metafile, the return value is TRUE; otherwise, it is FALSE.

Remarks

Points along the edge of the rectangle pointed to by the *lpRect* parameter are included in the picture. If the *hdc* parameter is NULL, Windows ignores *lpRect*.

If the callback function calls the **PlayEnhMetaFileRecord** function, *hdc* must identify a valid device context. Windows uses the device context's transformation and mapping mode to transform the picture displayed by the **PlayEnhMetaFileRecord** function.

You can use the **EnumEnhMetaFile** function to embed one enhanced-metafile within another.