

## PathToRegion

The **PathToRegion** function creates a region from the path that is selected into the specified device context.

```
HRGN PathToRegion(  
    HDC hdc        // handle of device context  
);
```

### Parameters

*hdc*  
Identifies a device context that contains a closed path.

### Return Value

If the function succeeds, the return value identifies a valid region.

If the function fails, the return value is zero. To get extended error information, call [GetLastError](#). **GetLastError** may return one of the following error codes:

ERROR\_CAN\_NOT\_COMPLETE  
ERROR\_INVALID\_PARAMETER  
ERROR\_NOT\_ENOUGH\_MEMORY

### Remarks

The device context identified by the *hdc* parameter must contain a closed path.

After **PathToRegion** converts a path into a region, Windows discards the closed path from the specified device context.