

Pie

The **Pie** function draws a pie-shaped wedge bounded by the intersection of an ellipse and two radials. The pie is outlined by using the current pen and filled by using the current brush.

```
BOOL Pie(  
    HDC hdc,           // handle of device context  
    int nLeftRect,      // x-coord. of bounding rectangle's upper-left corner  
    int nTopRect,        // y-coord. of bounding rectangle's upper-left corner  
    int nRightRect,      // x-coord. of bounding rectangle's lower-right corner  
    int nBottomRect,     // y-coord. of bounding rectangle's lower-right corner  
    int nXRadial1,       // x-coord. of first radial's endpoint  
    int nYRadial1,       // y-coord. of first radial's endpoint  
    int nXRadial2,       // x-coord. of second radial's endpoint  
    int nYRadial2        // y-coord. of second radial's endpoint  
);
```

Parameters

hdc

Identifies the device context.

nLeftRect

Specifies the x-coordinate of the upper-left corner of the bounding rectangle.

nTopRect

Specifies the y-coordinate of the upper-left corner of the bounding rectangle.

nRightRect

Specifies the x-coordinate of the lower-right corner of the bounding rectangle.

nBottomRect

Specifies the y-coordinate of the lower-right corner of the bounding rectangle.

nXRadial1

Specifies the x-coordinate of the endpoint of the first radial.

nYRadial1

Specifies the y-coordinate of the endpoint of the first radial.

nXRadial2

Specifies the x-coordinate of the endpoint of the second radial.

nYRadial2

Specifies the y-coordinate of the endpoint of the second radial.

Return Value

If the function succeeds, the return value is TRUE.

If the function fails, the return value is FALSE. To get extended error information, call

[GetLastError](#).

Remarks

The curve of the pie is defined by an ellipse that fits the specified bounding rectangle. The curve begins at the point where the ellipse intersects the first radial and extends counterclockwise to the point where the ellipse intersects the second radial. (A *radial* is a line drawn from the center of the ellipse to the specified endpoint on the ellipse.)

The current position is neither used nor updated by the **Pie** function.

