

**Polygon** structure

```
#include <Quickdraw.h>
```

```
typedef struct Polygon {      Size  Offset  Description
    short    polySize;        2      0      Size, in bytes, of entire structure
    Rect     polyBBox;        8      2      Size and position of enclosing rectangle
    Point    polyPoints[1];   4*n    10     0 or more vertices
} Polygon;                  10+4*n    (variable-length structure)
```

```
typedef Polygon *PolyPtr;
```

```
typedef Polygon **PolyHandle;
```

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Notes: The Polygon structure or a PolyHandle is used in:

**ErasePoly**    **FramePoly**    **KillPoly**    **OffsetPoly**  
**FillPoly**    **InvertPoly**    **MapPoly**    **PaintPoly**

Quickdraw functions **OpenPoly** and **ClosePoly** record the vertices of a Polygon (the polySave handle in the current GrafPort structure is used in these functions).