
Subject: DrawPolygon in Report
Posted by [andrei-catalin](#) on Mon, 04 Dec 2006 13:14:43 GMT
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The Polygon has wrong position and size in Report.

Andrei

Subject: Re: DrawPolygon in Report
Posted by [mirek](#) on Tue, 05 Dec 2006 12:43:12 GMT
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Would you mind creating a simple test-case?

Mirek

Subject: Re: DrawPolygon in Report
Posted by [andrei-catalin](#) on Tue, 05 Dec 2006 14:08:36 GMT
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A simple testcase (in Reference/Report):
Vector<Point> poly;
poly<<Point(200,200)<<Point(700,200)<<Point(700,500)<<Point(200,500)<<Point(200,200);
r.DrawPolygon(poly,Cyan,2,Red,0,Null);

Andrei

Subject: Re: DrawPolygon in Report
Posted by [mirek](#) on Tue, 05 Dec 2006 16:19:58 GMT
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Thanks, fixed.

Quick patch:

Draw/Drawing.cpp 420

```
static void wsDrawPolyPolyPolygon(Draw& w, Stream& stream, const DrawingPos& dp)
{
    Color color, outline, doxor;
```

```
uint64 pattern;
int width, vertex_count, subpolygon_count_count, disjunct_polygon_count_count;
int version = 2;
stream / version;
stream % color % width % outline % pattern % doxor;
stream % vertex_count % subpolygon_count_count % disjunct_polygon_count_count;
Buffer<Point> vertices(vertex_count);
Buffer<int> subpolygon_counts(subpolygon_count_count);
Buffer<int> disjunct_polygon_counts(disjunct_polygon_count_count);
StreamUnpackPoints(stream, vertices, vertex_count);
StreamUnpackInts(stream, subpolygon_counts, subpolygon_count_count);
StreamUnpackInts(stream, disjunct_polygon_counts, disjunct_polygon_count_count);
if(!dp.Identity()) {
    for(Point *p = vertices, *e = p + vertex_count; p < e; p++)
        dp.Transform(*p);
    dp.TransformW(width);
}
w.DrawPolyPolyPolygon(vertices, vertex_count,
    subpolygon_counts, subpolygon_count_count,
    disjunct_polygon_counts, disjunct_polygon_count_count,
    color, width, outline, pattern, doxor);
}
```

Mirek

Subject: Re: DrawPolygon in Report
Posted by [andrei-catalin](#) on Tue, 05 Dec 2006 16:25:08 GMT
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Thank you very much!

DrawPolygon is a very easy solution to implement DrawPie.

Andrei
