

```

// 成比例符号渲染示例
private void btnProportionalSymbolRender_Click(object sender, EventArgs e)
{
    IGeoFeatureLayer geoFeatureLayer = getGeoLayer("GDP");
    ITable table = geoFeatureLayer as ITable;
    ICursor cursor = table.Search(null, true);
    // 统计数据
    IDataStatistics dataStatistics = new DataStatisticsClass();
    dataStatistics.Cursor = cursor;
    dataStatistics.Field = "GDP_20";
    IStatisticsResults statisticsResult = dataStatistics.Statistics;
    // 配置成比例符号渲染器
    if (statisticsResult != null)
    {
        IFillSymbol fillSymbol = new SimpleFillSymbolClass();
        fillSymbol.Color = getRGB(0, 255, 0);
        ISimpleMarkerSymbol simpleMarkerSymbol = new SimpleMarkerSymbolClass();
        simpleMarkerSymbol.Color = getRGB(255, 0, 0);
        simpleMarkerSymbol.Size = 4;
        simpleMarkerSymbol.Style = 0;
        IProportionalSymbolRenderer proportionalSymbolRenderer = new ProportionalSymbolRendererClass();
        proportionalSymbolRenderer.Field = "GDP_20";
        proportionalSymbolRenderer.MinDataValue = statisticsResult.Minimum;
        proportionalSymbolRenderer.MaxDataValue = statisticsResult.Maximum;
        proportionalSymbolRenderer.BackgroundSymbol = fillSymbol;
        proportionalSymbolRenderer.MinSymbol = simpleMarkerSymbol as ISymbol;
        geoFeatureLayer.Renderer = proportionalSymbolRenderer as IFeatureRenderer;
    }
    axMapControl1.Refresh();
}

```