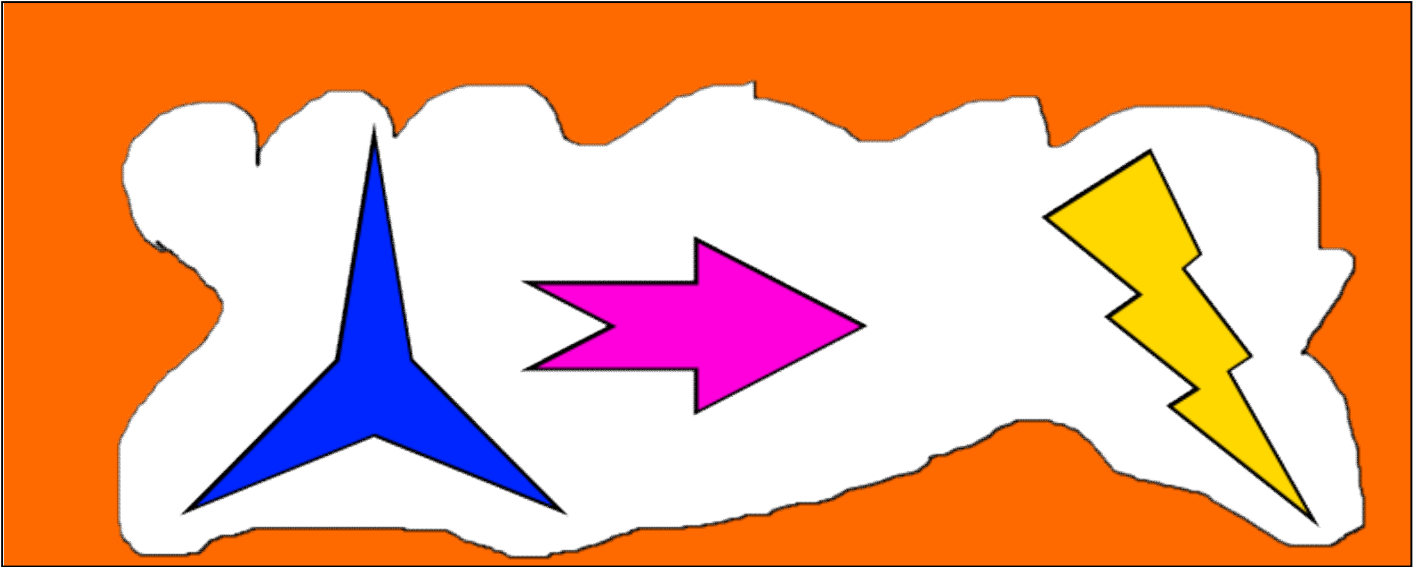


IMAGE REGION FILE TYPES

PNG - very basic image type - original ImageRegion fully supported it.

PNG



SVG - scalable vector graphics

Original Image Region could not render bitmaps larger than approximately 100K.



["https://github.com/vvvv/SVG/issues/107"](https://github.com/vvvv/SVG/issues/107)

I have re-built the SVG.dll using a fix below to go around said limitation.



["https://github.com/vvvv/SVG/issues/207"](https://github.com/vvvv/SVG/issues/207)

Now bitmaps seem not to cause any issues

SVG



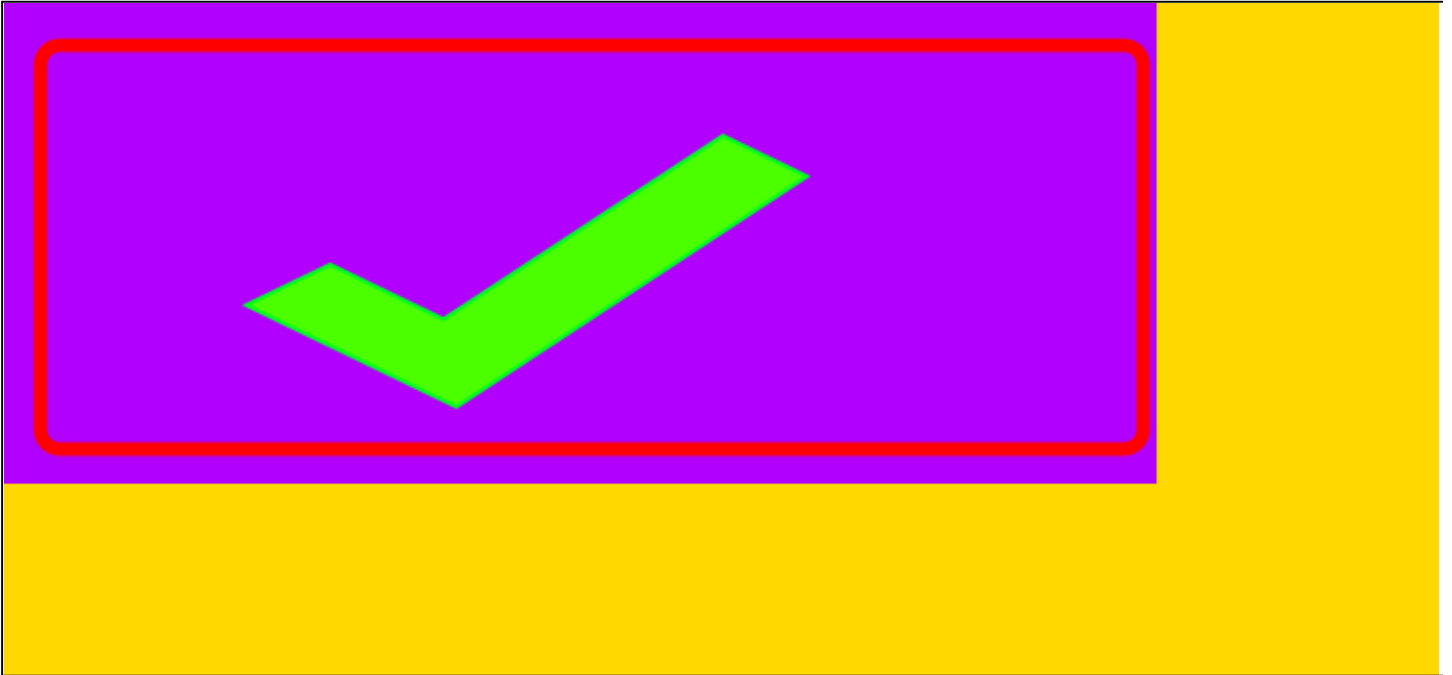
New File Type - PSD - native photoshop file format

New File Type - PSD - native Photoshop File Format

Outstanding for quick sketches in Paint.NET where layer support is preferred (image markup)

Blank PSD file is created from static Base64 string.

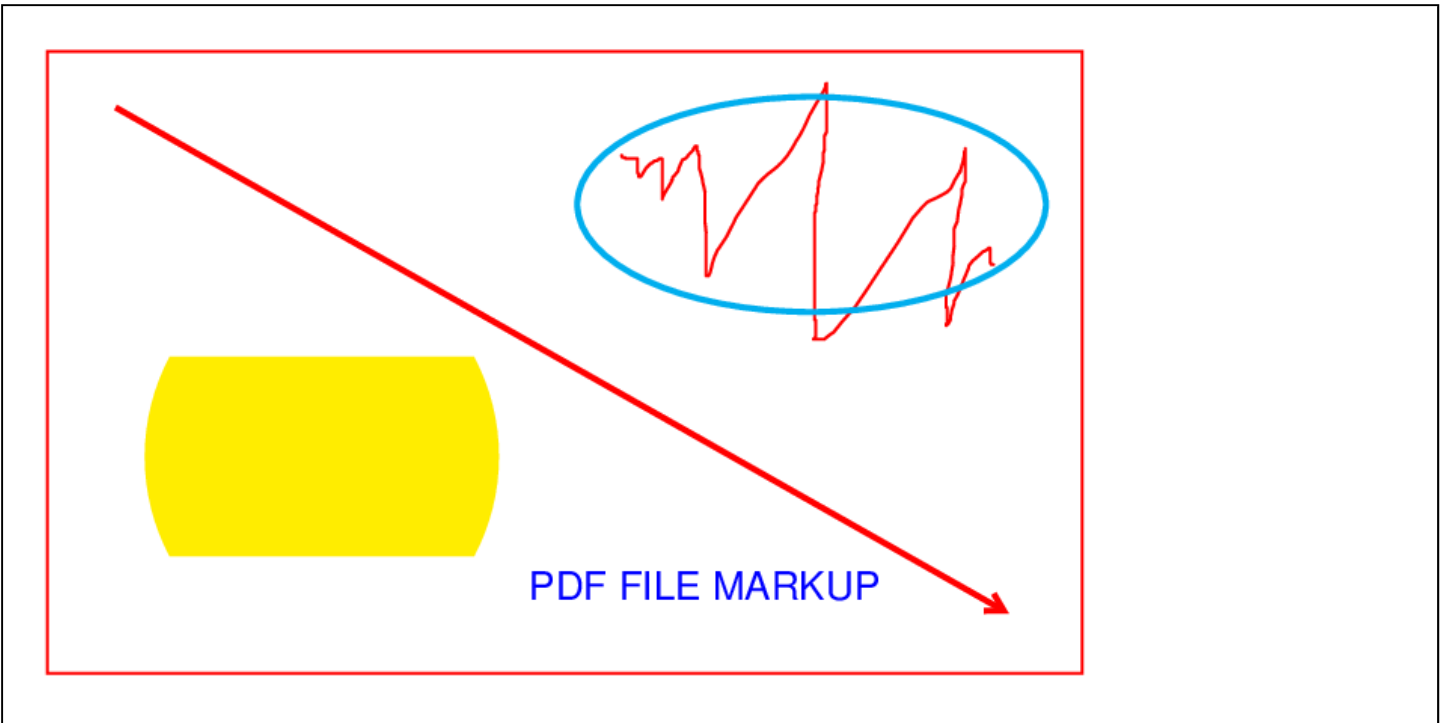
PSD



New File Type - PDF - surprisingly good for markup / sketches using Bluebeam Revu

Unlikely candidate for sketching, editing PDF in Bluebeam Revu combines scalability of vector graphics with smooth free hand sketching of a raster format.

PDF

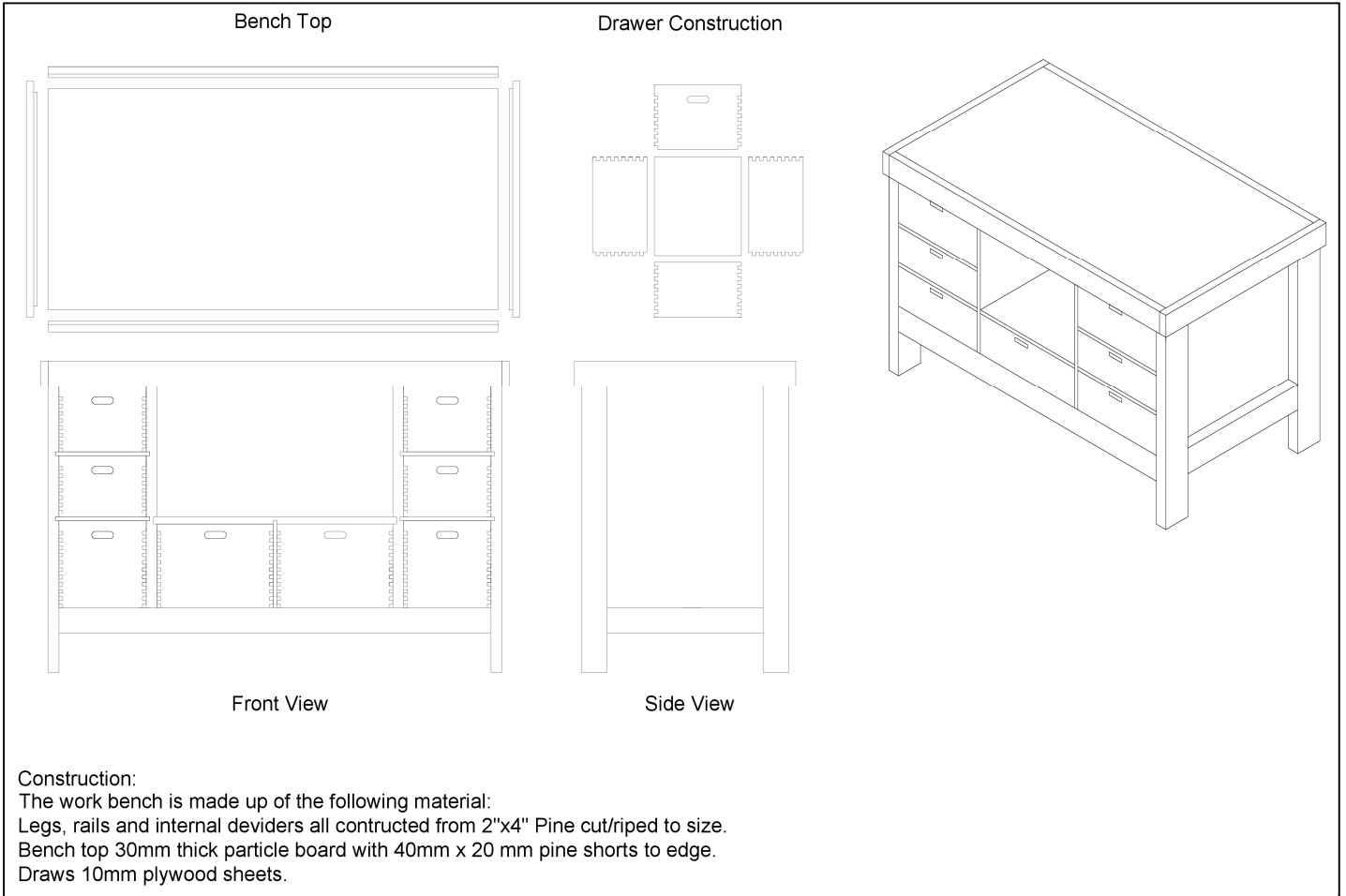


New File Type - DXF - CAD standard

Partial support. DXF file can be saved within SMath workbook like any other format. However the ImageRegion cannot render the DXF. To display sketch in SMath one must export either PNG or PDF file with filename identical to DXF file to the .sm workbook root directory, or Temp directory where DXF is located while .sm workbook is open.

Blank DXF file is created from static Base64 string.

DXF

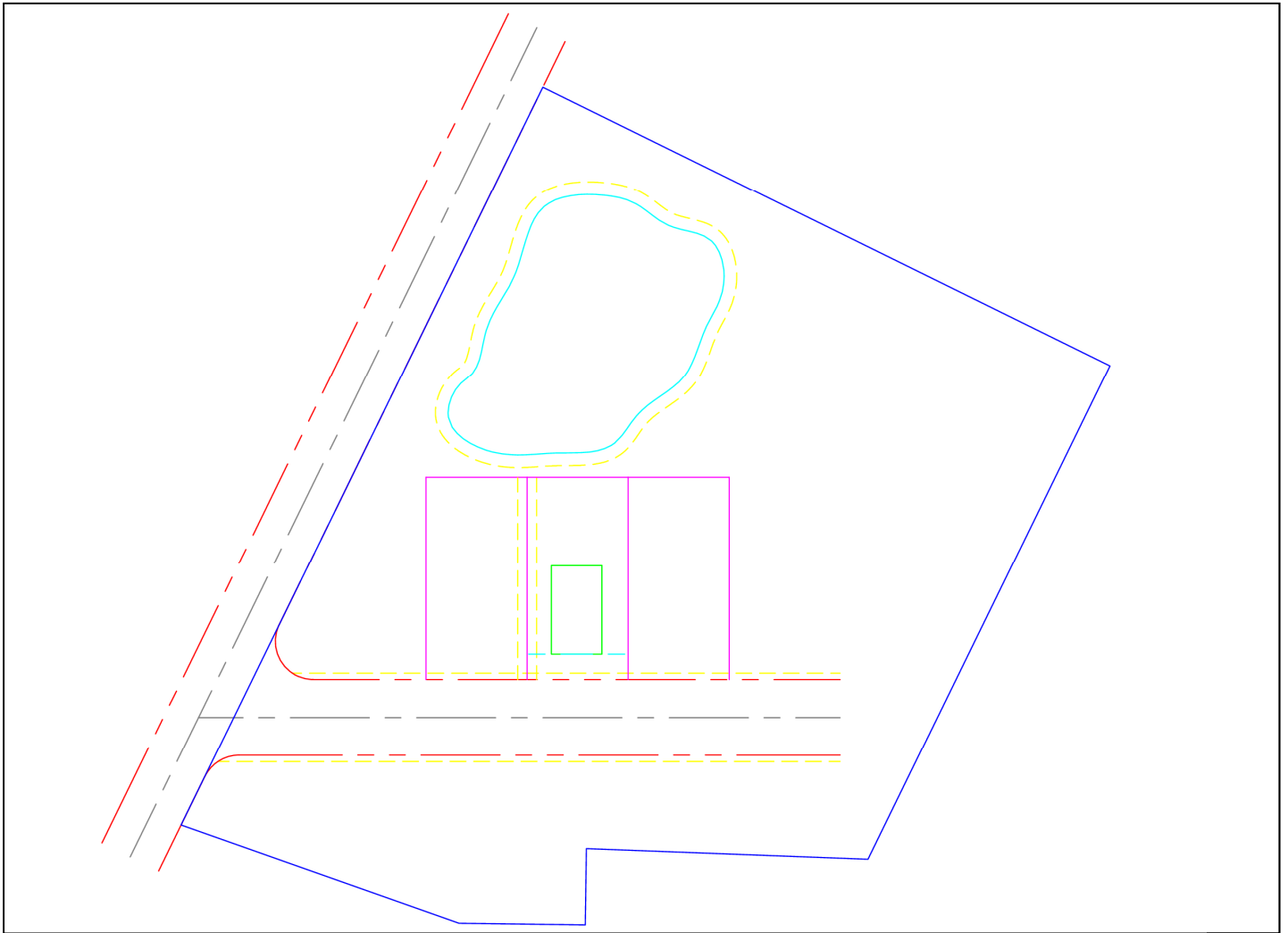


New File Type - DWG - CAD standard

Partial support. DWG file can be saved within SMath workbook like any other format. However the ImageRegion cannot render the DWG. To display sketch in SMath one must export either PNG or PDF file with filename identical to DXF file to the .sm workbook root directory, or Temp directory where DXF is located while .sm workbook is open.

Blank DWG file is created from static Base64 string.

DWG



SKP - New File Type - Trimble SketchUp Make 3D file type

Partial support. SKP file can be saved within SMath workbook like any other format. However the ImageRegion cannot render the SKP. To display the sketch in SMath one must export either PNG or PDF file with filename identical to SKP file to the .sm workbook root directory, or Temp directory where SKP is located while .sm workbook is open.

Blank SKP file is created from static Base64 string.

SKP

