Optimator File Formats

Versioning

Version X.Y.Z

X: Increases with big feature updates (Curves, gradients etc.). Usually matches a price increase (while price increasing).

Y: Increases when one of the file formats is changed. This, along with the X value, depicts file compatibility (although, due to Z, files may render differently)

Z: Increases when a new stable version is released

Files

**Piece**

Piece;X.Y.Z ColourType;OutlineColourR,OutlineColourG,OutlineColourB,OutlineColourA: FillColourR,FillColourG,FillColourB,FillColourA: Further colours for gradients;OutlineWidth;PieceDetails

pointX:pointY:pointXR:pointYD;connect;solid (Repeat for each spot)

**Spot**

pointX:pointY:pointXR:pointYD;connect;solid

**Set**

Set;X.Y.Z

pieceName;x:y:r:t:s:sm (Repeat for all pieces)

pieceName;x:y:r:t:s:sm;base (For base piece, positioned among above where appropriate for depth)

Joins

indexA;indexB;AX:AY:AXR:AYD;BX:BY:BXR:BYR;flipAngle(-1 false);indexSwitch(0 if flipangle -1) (Repeat for all joins)

**Scene**

Scene;X.Y.Z

timeLength

s:setName

p:pieceName

(Repeat two above as necessary)

Originals

X;y;r;t;s;sm

(Repeat above in matching order to pieces, noting that a set is made up of individual pieces)

Start time; action code; affected piece index; change size; change duration

(Repeat for all changes)

**Settings**

X.Y.Z

BG Colour