MightyScape 1.X - Extensions Overview

- FabLab Chemnitz
- About/Upgrade MightyScape
- Animation
  - Animate Order
  - Frame Animation Sequence
  - Line Animator
- Colors/Gradients/Filters
  - Cleanup Styles
  - Color Harmony
  - Generate Palette
  - Gradient Saver
  - Grey to MonoAlpha
  - Jitter Gradients
  - Replace Color And Alpha
  - Stroke Color As Fill
- Cutting/Plotting/Printing
  - Inventory Sticker
  - Laser Check
  - Printing Marks Dotted
  - Silhouette Cameo Registration Marks
  - Simple Registration
- Dimensioning/Measuring
  - Colorize Path Lengths / Slants
  - Dimensioning (Replaced by LPE)
  - Shirt Waist (Sara May Allington)
  - Show Path Coordinates
- Grids/Guides
  - Bobbin Lace
    - Bobbin Lace - Circular Ground From Template
    - Bobbin Lace - Polar Grid
    - Bobbin Lace - Regular Grid
  - Bobbin Lace - Ground From Template
  - Card Layout Guides
  - Checkerboard
  - Create Hexmap
  - Hex Tiles
  - Insert Paper Template
  - Label Guides
  - Perspective Grid
  - Remove Duplicate Guides
  - Triangular Grid
- Groups and Layers
  - Delete Above
  - Eraser Layer
  - Filter To Layer
  - Group To Layer
  - Remove Empty Groups
  - Styles To Layers
  - Ungrouper And Element Migrator/Filter
- Import/Export/Transfer
  - Clip Out
  - DXF/DWG Importer
  - Export selection as ...
  - Guillotine Plus
  - Import 3D Mesh
  - Inkcut
  - JPEG Export
  - J Tech Photonics Laser Tool
  - NextGenerator
  - Open in Roland CutStudio
  - Open in VisiCut
  - Output Pro for Inkscape
  - Paths to OpenSCAD
  - Slic3r STL Input
  - Svg2Shenzhen
- Layer Clip
- Modify existing Path(s)
  - Blueprint Maker
  - Close Paths
  - Convert To Polylines
  - Convert Vertical/Horizontal To Line
  - Ellipse by Five Points (Replaced by LPE)
  - Fillet And Chamfer (Replaced by LPE)
  - Flevobezier
  - Guilloche Contour
- Guilloche Pattern
- Open Closed Path
- Paths To Lowlevel Strokes
- Round Corners (Replaced by LPE)
- Rounder
- Snap Object Points

- Music
  - Fret Ruler
  - Guitar Fretboard
  - Piano Scale

- Open Extension Directory
- PathOps
  - Paths - Cut/Intersect/Purge
    - Contour Scanner And Trimmer
    - Create Links (Breakaway Connectors)
    - Destructive Clip
    - Filter By Length/Area
    - Incadiff
    - Mutual Cut Line
    - Path Intersections
    - Purge Duplicate Path Nodes
    - Purge Duplicate Path Segments
    - Purge Pointy Paths
    - Remove Duplicate Lines
    - Split And Break Bezier At t
    - Split Bezier (Subdivide Path)
  - Paths - Join/Order
    - Chain Paths
    - Circle Tangents (Replaced by Snap Objects Feature)
    - Duplicate + Reverse + Join
    - Join Paths / Create Tabs And Dimples
    - Longest Continuous Path
    - Move Path Node
    - Optimize Sequence: Small Holes First
    - Optimize Sequence: Travel Distances
    - Reverse Order Of Subpaths

- Ray Tracing
- Reload
  - Shape/Pattern from existing Object(s)
    - Clones In Perspective
    - Fill Rectangle With Circles
    - Hatches And Grains
    - Living Hinge (Fit To Rectangle)
    - Low Poly 2
    - Shapes
    - Sheriff Star
    - X-Agram
  - Shape/Pattern from existing Path(s)
    - Bounding Box
    - Convex Hull
    - Delaunay Triangulation
    - Dots To Path Points
    - Draw Directions / Travel Moves
    - Hatch Fill
    - Netting
    - Number Subpaths
    - Offset Paths
    - Strip Line
    - Travel
    - Twist
    - Unwind Paths
    - Zigzag Nodes
  - Shape/Pattern from Generator
    - Archimedes Spiral
    - Buxtronix Living Hinges
    - Fibonacci Pattern
    - IFS Fractals
    - Inkin
    - Lasercut Polygon
    - Living Hinge (Size Input)
    - Parabola
    - Parabola 2
    - Polygon Side
    - Random Line
    - Sine and Lace
    - SpiroGraph
    - Sundial Declining
    - Triangle
- Vektorkollektor
  - Simple Inkscape (Interface)
  - Table Support
  - Text
    - Convert To Localized Braille
    - Glyph IDs
    - Ids To Text
    - Label Feature With Fill Color
    - OCR (Image To Text)
    - Source Code Text
    - Stroke Font Creator
  - Tracing/Images/Edge Detection
    - Centerline Trace
    - Imagetracer.js
    - Image Triangulation
    - KVEC
    - Line Shading
    - Pixel2SVG
    - Pixels To Objects
    - Primitive (Michael Fogleman)
    - Shape Recognition
    - SVG Embed And Crop
  - Transformations
    - Another Perspective
    - Apply Transformations
    - Barrel Distortion
    - Bezier Envelope
    - Cutting Optimizer (Nesting)
    - Epilog Dashboard BBox Adjust
    - Exponential Distort
    - Flip
    - Inset Alignment
    - Isometric Projection
    - Mirror
    - Normalize Drawing Scale
    - Parallel Translation
    - Raster Perspective
    - Rotations - Minimum Bounding Box Area / Minimum Width / Find All Optimal
    - Scale To Path Length
    - Scale To Real
    - Scale To Size (Replaced by default transform scale)
    - Set View Box (Replaced by CTRL + SHIFT + R)
  - Various
    - Batch Task
    - Edit Attributes
    - Import Attributes
    - Random Delete
    - Remove Obsolete Attributes
    - Set CSS Class On Elements
  - vvypetools
    - Deduplicate Plugin
    - Filter
    - Line Merging (Combine Paths)
    - Line Sorting
    - Multipass
    - Occult Plugin (Hidden / Superimposed Line Removal)
    - Relooping
    - Split All
    - Trimming
    - vpype Free Mode
  - FabLab Chemnitz Boxes/Papercraft
    - Finger-jointed/Tabbed Boxes
      - Box Maker - Conical
      - Box Maker - Elliptical Box
      - Box Maker - Elliptical Cone
      - Box Maker - Generic Generator
      - Box Maker - Lasercut Box
      - Box Maker - Living Hinge
      - Box Maker - Mehr Boxes
      - Box Maker - Path To Flex
      - Box Maker - Schroff
      - Box Maker - Tabbed
      - Box Maker - T-Slot
      - Can Generator
      - Cut-Craft Boxes
      - Cut-Craft Cylinder
      - Cut-Craft RollerBot
      - Grid Strip Creator (qlocktwo)
- PlyCutter
- Quick Joint

- Paper/Cardboard Boxes
- Collar
- Estucheria
  - Estucheria - 4 Point Base Box
  - Estucheria - Airplane Type Linear Case
  - Estucheria - Automatic Bottom Case
  - Estucheria - Double Railing Case
  - Estucheria - Girdle
  - Estucheria - Linear Case
  - Estucheria - Swiss Bottom Case

- Extruder
- InkPACKING
- Leather Case

- Origami Patterns
  - Origami Pattern - Bendy Straw
  - Origami Pattern - Circular
  - Origami Pattern - Kresling Tower
  - Origami Pattern - N-sided Hypar
  - Origami Pattern - Support Ring
  - Origami Pattern - Template Effect
  - Origami Pattern - Waterbomb

- Playing Cards
- Polygen
- Polyhedra
- Robot Boxes
- Sheet Metal Conus
- Simple Frame
- Tab Generator
- Tuckbox
- Zoetrope

- Papercraft Flatteners
  - DXF 2 Papercraft
  - Papercraft Unfold
  - Paperfold

- FabLab Chemnitz Boxes.py
- FabLab Chemnitz Shape Generators
  - Gears*
    - Gears
    - Gears2
    - Ratchet
    - Sprocket
  - Puzzles/Mazes/Nests
    - Affine Spirals
    - Apollonian Gasket
    - Bouwkamp Code
    - Eggmazing
    - Lasercut Jigsaw
    - Maze
    - Sudoku
  - Scales
    - Knob Scale
    - Vertical / Horizontal Scale
  - Streaks And Blobs
    - Blobs Texture
    - Chip Scratches
    - Flash Burst
    - Fun Shapes
    - Slider Electrodes
    - Starshine
    - Streaks

- Integrated into default Import/Export Menu
  - Encapsulated PostScript - AI compatible (*.eps)
  - GCode Import
  - GPX Import
  - LaserDraw Export (lyz)
  - LaserDraw Export (zip)
  - Optimized with svgo (*.svg)
  - Photoshop PSD (*.psd)
  - Roland CutStudio *.eps Export
  - WebP Import