

Band 10

Günther Lapp

VisualGlyph⁺ for PC

**A Hieroglyphic Writing
and Drawing System**

KATALOG

Basel 2021

CONTENTS

Contents.....	V
Preface.....	IX
Bibliography.....	XI
Series and Journals.....	XI
Monographs	XI
1. Preliminaries.....	1
1.1 General Remarks.....	1
1.2 The Main Window	2
1.3 The Drawing Surface (Writing Area).....	3
2. The Tool Bar	5
2.1 File Functions.....	5
2.2 The Internal Clipboard	7
2.3 The External Clipboard	7
2.4 Export as SVG	8
2.5 The Toolboxes.....	9
2.5.1 Show / Hide Tools Panel.....	9
2.5.2 Page Settings.....	9
2.5.2.1 Page Format.....	9
2.5.2.2 Rows / Columns.....	10
2.5.2.3 Grid	10
2.5.2.4 Background.....	10
2.5.3 Options.....	11
2.6 Pages	11
2.7 Object Position.....	12
2.8 Zoom	12
2.9 Undo / Redo	12
2.10 Notes	12
2.11 Help.....	13
3. The Foot Bar.....	15
3.1 Introduction.....	15
3.2 The Navigation Bar.....	15
3.3 Input Hieroglyphs.....	16
3.4 Object Location and Size	16
3.5 Color Picker	16
4. Tab Page: (Hiero)glyphs	17
4.1 Creating Hieroglyphic Texts.....	17
4.1.1 Introduction.....	17
4.1.2 Glyph Properties	19
4.1.2.1 Font Size	19
4.1.2.2 Glyph Color	19
4.1.2.3 Rotation Angle	20
4.1.2.4 Mirror.....	20
4.1.2.5 Styles of Hieroglyphs.....	20
4.1.3 Writing Direction.....	21

4.1.4 Writing Hieroglyphic Texts	21
4.1.4.1 Writing in Rows or Columns	21
4.1.4.2 The Cursor	22
4.1.4.3 The Writing Direction.....	23
4.1.5 The Sign List.....	27
4.1.5.1 The Hieroglyphic Sign List.....	27
4.1.5.2 Using Computer Fonts	28
4.2 Editing Hieroglyphs	29
4.2.1 Editing Single Hieroglyphs	29
4.2.2 Editing Groups of Hieroglyphs	30
4.2.2.1 Editing Properties	30
4.2.2.2 Overlapping Hieroglyphic Groups.....	32
5. Tab Page: Graphics	33
5.1 Straight and Curved Lines.....	33
5.1.1 Properties	34
5.1.2 The Straight Line Objects	35
5.1.2.1 Arrow Head.....	35
5.1.2.2 Creating Straight Line Objects.....	35
5.1.2.3 Editing Straight Line Objects.....	36
5.1.2.4 Polyline Object	36
5.1.3 Curves	37
5.1.3.1 Simple Curves.....	37
5.1.3.2 Complex Curves	38
5.2 Shapes	39
5.2.1 Introduction.....	39
5.2.2 Brushes (Filling)	40
5.2.2.1 Solid Brush	40
5.2.2.2 Hatch Brush	40
5.2.2.3 Linear Gradient Brush.....	43
5.2.2.4 Path Gradient Brush.....	43
5.2.2.5 User Defined Brush.....	44
5.2.3 Simple Shapes.....	44
5.2.3.1 Introduction.....	44
5.2.3.2 Rectangle	45
5.2.3.3 Trapeze.....	45
5.2.3.4 Triangle (Right Angled). .	45
5.2.3.5 Rhombus	46
5.2.3.6 Triangle.....	46
5.2.3.7 Star.....	47
5.2.3.8 Ellipse	47
5.2.3.9 Circle.....	47
5.2.3.10 Pie	48
5.2.4 Complex Shapes.....	48
5.2.4.1 Polygon	49
5.2.4.2 Closed Cardinal Splines.....	50
5.2.4.3 Closed Béziers	51
5.2.5 Tables.....	52
5.3 Guidelines	53
5.4 Cartouche	54
5.5 Destroyed Passages	55
5.6 Rubric Passages.....	56

5.7 Images	57
5.8 The Bitmap Editor.....	59
5.8.1 Introduction.....	59
5.8.2 The Main Window	60
5.8.3 The Tool Bar	60
5.8.4 The Foot Bar	61
5.8.5 New Glyph.....	61
5.8.6 Move, Resize, Rotate	62
5.8.7 Edit a Glyph.....	62
5.8.8 Computer Font Signs	64
5.9 The Vector Font Editor	65
5.9.1 Introduction.....	65
5.9.2 The Main Window of the Font Editor.....	68
5.9.3 The Tool Bar	69
5.9.4 The Foot Bar	69
5.9.5 Editing Contours	70
5.9.6 Tab Page: New Contour	73
5.9.6.1 Introduction.....	73
5.9.6.2 Parallel Contour	73
5.9.6.3 Reverse Contour	74
5.9.6.4 Drawing Rectangles and Circles	74
5.9.6.5 Drawing Complex Contours (Straight Lines and Bézier Curves).....	74
5.9.7 Tab Page: Background Image.....	76
5.9.8 Tab Page: Font Sign.....	77
5.9.9 Tab Page: Scalable Vector Graphics (SVG)	79
5.9.10 Key Strokes.....	80
5.10 The Page Counter	81
6. Tab Page: Text.....	83
6.1 Unformatted Text	83
6.2 Formatted Text.....	84
6.3 Text Effects	85
7. Tab Page: Varia	87
7.1 Setting the Cursor in Rows or Columns.....	87
7.2 Glyph Properties.....	90
7.3 Export / Import VisualGlyph Objects	91
7.4 Chart.....	92
7.5 Hexadecimal Converter.....	93
7.6 Activate / Deactivate VisualGlyph ⁺	94
8. Miscellaneous.....	95
8.1 Selecting Objects.....	95
8.1.1 Selecting a Single Object	95
8.1.2 Multi-selecting Objects	95
8.1.3 Selecting Parts of Objects	95
8.1.4 Resizing the Selection Frame.....	96
8.1.5 Actions	96
8.2 The RGB Color Scheme.....	97
8.3 Errors.....	97
8.3.1 Program Messages	97
8.3.2 Deleted Files	98
8.4 Key Strokes	98
8.4.1 Keys	98

8.4.2 Keys and Mouse.....	98
9. Fonts	99
9.1 Introduction	99
9.2 The File <i>vgGlyphDefinitions.txt</i>	99
9.2.1 Section: Identification	99
9.2.2 Section: Fonts.....	100
9.2.3 Section: Sign List.....	100
9.2.3.1 Title.....	100
9.2.3.2 Sign Groups	101
9.2.3.3 The Hierarchical Order	102
9.2.4 Section: Phonetic Values.....	103
9.2.5 Adding Fonts.....	103
10. The Sign List	105
10.1 Introduction	105
10.2 Gardiner List	106
11. The Extended List	113