

PRO

Copyright © 1993 Soft-Logik Publishing Corporation

COLLABORATORS

| | | | |
|---------------|-----------------------|----------------|------------------|
| | <i>TITLE :</i> PRO | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
| WRITTEN BY | | March 29, 2025 | |

REVISION HISTORY

| NUMBER | DATE | DESCRIPTION | NAME |
|--------|------|-------------|------|
| | | | |

Contents

| | | |
|----------|--|----------|
| 1 | PRO | 1 |
| 1.1 | Menus: Project | 1 |
| 1.2 | Project/ New » | 2 |
| 1.3 | Project/ New » Outline... | 2 |
| 1.4 | Project/ New » Metrics... | 3 |
| 1.5 | Project/ New Window | 3 |
| 1.6 | Project/ Open » | 3 |
| 1.7 | Project/ Open » Outline... | 4 |
| 1.8 | Project/ Open » Metrics... | 4 |
| 1.9 | Project/ Close | 4 |
| 1.10 | Project/ Save » | 4 |
| 1.11 | Project/ Save » Outline | 5 |
| 1.12 | Project/ Save » Metric | 5 |
| 1.13 | Project/ Save As » | 5 |
| 1.14 | Project/ Save As » Outline | 5 |
| 1.15 | Project/ Save As » Metric | 6 |
| 1.16 | Project/ Import » | 6 |
| 1.17 | Project/ Import » Compugraphic Intellifont... | 6 |
| 1.18 | Project/ Import » TrueType Outline Font... | 7 |
| 1.19 | Project/ Import » IFF RFF Outline Font... | 7 |
| 1.20 | Project/ Import » PFB PostScript Type 1 Outline... | 7 |
| 1.21 | Project/ Import » AFM PostScript Type 1 Metrics... | 7 |
| 1.22 | Project/ Import » PFM Windows Metrics... | 8 |
| 1.23 | Project/ Import » IFF DR2D Drawing... | 8 |
| 1.24 | Project/ Export » | 8 |
| 1.25 | Project/ Export » Compugraphic Intellifont... | 9 |
| 1.26 | Project/ Export » TrueType Outline Font... | 10 |
| 1.27 | Project/ Export » IFF RFF Outline Font... | 10 |
| 1.28 | Project/ Export » PFB PostScript Type 1 Outline... | 10 |
| 1.29 | Global Hint Control requester | 11 |

| | |
|---|----|
| 1.30 Project/ Export » AFM PostScript Type 1 Metrics... | 11 |
| 1.31 Project/ Export » PostScript Type 3... | 11 |
| 1.32 Project/ Export » IFF DR2D Drawing... | 12 |
| 1.33 Project/ Print Preview... | 12 |
| 1.34 Project/ Info... | 13 |
| 1.35 Project/ About TypeSmith... | 13 |
| 1.36 Project/ Quit | 13 |

Chapter 1

PRO

1.1 Menus: Project

Project :

New »
 Outline...
 Metrics...
New Window

Open »
 Outline...
 Metrics...

Close

Save »
 Outline
 Metrics

Save As »
 Outline...
 Metrics...

Import »
 Compugraphic Intellifont...
 TrueType Outline Font
 IFF RFF Outline Font
 PFB PostScript Type 1 Outline...
 AFM PostScript Type 1 Metrics...
 PFM Windows Metrics...
 IFF DR2D Drawing...

Export »
 Compugraphic Intellifont...
 TrueType Outline Font
 IFF RFF Outline Font
 PFB PostScript Type 1 Outline...
 AFM PostScript Type 1 Metrics...
 PostScript Type 3...
 IFF DR2D Drawing...

Print Preview...

Info...
About TypeSmith...

Quit

1.2 Project/ New »

Project/ New »

This command allows you to create new font outlines and metrics. Font outlines and metrics are started independently.

You must have an active window containing a font outline before creating a font metric.

The maximum number of open fonts is 5.

See also:

New » Outline
New » Metrics

1.3 Project/ New » Outline...

Project/ New » Outline...

This command opens a requester to set the general attributes for a new font. The requester is identical to that opened by the Font Attributes command. Font attributes can be set at any time so you can change any or all of the settings at a later time.

The maximum number of open fonts is 5.

Requester Gadgets:

Attribute: Sets the attribute for DMF fonts.

Font ID: Unique identification number.

FontName: Name of the font without spaces. i.e.,
AGaramond-Semibold

FamilyName: Name of the font family. i.e., AdobeGaramond

Weight: Name of the weight in a family. i.e., Semibold

FullName: Complete name of the font with spaces. i.e., Adobe
Garamond Semibold

Notice: Used for copyright or author's notices. Up to 106
characters.

Underline: Sets the underline offset from the baseline. Default = -150.

Thickness: Sets the underline thickness. Default = 20.

FixedPitch: Makes all characters an equal width.

Version: Used for the version number of your font.

1.4 Project/ New » Metrics...

Project/ New » Metrics...

This commands opens a requester to configure the metric generation process. (Font metric refers to character widths, spacing and kerning.) If there is already font metric information for the current font outline, you will be prompted if you want to delete the metric information to start a new metrics file.

Requester Gadgets:

Constant Numeral Spacing: Makes all numerals the same width, based on the widest numeral.

Space Character Width: Specifies the width of the space character (32).

Character Tracking: Controls character widths. The metric generation process calculates each character's right side bearing by multiplying the width of the character outline by the tracking value, and then adds the left side bearing, right side bearing, and character outline width to get the overall width.

You must have an active window containing a font outline before creating a font metric.

1.5 Project/ New Window

Project/ New Window

This commands opens another character window for the current font. You can use this command to view more than one character at once, or to view the same character in different view modes.

1.6 Project/ Open »

Project/ Open »

This allows you to open existing font outlines and metrics. Font outlines and metrics are opened independently with the two subcommands. Only

Soft-Logik format fonts may be opened; other formats must be interpreted with the Import command.

You must have an active window containing a font outline before opening a font metric file.

The maximum number of open fonts is 5.

See also:

Open » Outline

Open » Metrics

1.7 Project/ Open » Outline...

Project/ Open » Outline...

This command opens an ASL file requester to select a DMF outline file to open. Only Soft-Logik DMF outline files may be opened; other formats must be interpreted with the Import command.

The maximum number of open fonts is 5.

1.8 Project/ Open » Metrics...

Project/ Open » Metrics...

This command opens an ASL file requester to select a FM metrics file to open. Only Soft-Logik FM metric files may be opened; other formats must be interpreted with the Import command.

You must have an active window containing a font outline before opening a font metric file.

1.9 Project/ Close

Project/ Close

This command closes the current font and all its windows.

1.10 Project/ Save »

Project/ Save »

This allows you to save the current font outline and/or metric. Font outlines and metrics are saved independently with the two subcommands. This command saves fonts in the Soft-Logik outline font format. Other formats must be saved with the Export command.

See also:

Save » Outline

Save » Metrics

1.11 Project/ Save » Outline

Project/ Save » Outline

This command saves the current font outline in DMF format with its current name. If the font is untitled, this command will open a ASL file requester to name the font outline file.

1.12 Project/ Save » Metric

Project/ Save » Metric

This command saves the current font metric in FM format with its current name. If the font is untitled, this command will open an ASL file requester to name the font metric file.

1.13 Project/ Save As »

Project/ Save As »

This allows you to save the current font outline and/or metric with a new name or path. Font outlines and metrics are saved independently with the two subcommands. This command saves fonts in the Soft-Logik outline font format. Other formats must be saved with the Export command.

See also:

Save As » Outline

Save As » Metrics

1.14 Project/ Save As » Outline

Project/ Save As » Outline

This command opens an ASL file requester to save the current font outline in DMF format with a new name or path.

You must have an active window containing a font outline before saving a font outline.

1.15 Project/ Save As » Metric

Project/ Save As » Metric

This command opens an ASL file requester to save the current font metric in FM format with a new name or path.

You must have an active window containing a font outline and metric before saving a font metric.

1.16 Project/ Import »

Project/ Import »

This allows you to import existing font outlines and metrics in PostScript Type 1 and Compugraphic Intellifont formats. IFF DR2D drawings may also be imported into the current character window.

Soft-Logik format fonts should be opened with the Open command.

You must have an active window containing a font outline before importing a font metric file. Compugraphic Intellifonts include the outline and metric in one file so there is no need to open separate outline and metric files.

The maximum number of open fonts is 5.

See also:

- Import » Compugraphic Intellifont
- Import » TrueType Outline Font
- Import » IFF RFF Outline Font
- Import » PFB PostScript Type 1 Outline
- Import » AFM PostScript Type 1 Metrics
- Import » PFM Windows Metrics
- Import » IFF DR2D Drawing

1.17 Project/ Import » Compugraphic Intellifont...

Project/ Import » Compugraphic Intellifont...

This command opens an ASL file requester to select a Compugraphic Intellifont to import. Since these fonts have only one font file (.type or .lib), the entire font will be loaded at once.

Compugraphic fonts can have up to 65,535 characters. When a Compugraphic font is loaded, its characters will be mapped as closely as possible to the TypeSmith and Soft-Logik Outline format encoding set. Most have 255 characters or less, so this is not normally a problem.

The maximum number of open fonts is 5.

1.18 Project/ Import » TrueType Outline Font...

Project/ Import » TrueType Outline Font...

This command opens an ASL file requester to select a TrueType font to import. Since these fonts have only one font file (.TTF), the entire font will be loaded at once.

The maximum number of open fonts is 5.

* A known limitation of TypeSmith 2.5 is that rotated and flipped characters load as unflipped and unrotated. Microsoft Wingdings is an example of a font with flipped characters.

1.19 Project/ Import » IFF RFF Outline Font...

Project/ Import » IFF RFF Outline Font...

This command opens an ASL file requester to select an IFF RFF font to import. Since these fonts have only one font file (.RFF), the entire font will be loaded at once.

The maximum number of open fonts is 5.

The IFF RFF font format is not used by other programs. It exists to provide a comprehensive format that can be opened and saved quickly. Use it while designing a font. Always save your work in IFF RFF and only export in PostScript, TrueType or Compugraphic Intellifont when you need to use the font with a program.

*Important! The IFF RFF saver module only saves characters with standard character names. If you edit the character names or load a font with non-standard character names, do not save it in IFF RFF format.

1.20 Project/ Import » PFB PostScript Type 1 Outline...

Project/ Import » PFB PostScript Type 1 Outline...

This command opens an ASL file requester to select a MS-DOS format PostScript Type 1 PFB outline file to import. The font metric (AFM) file must be imported separately after importing the outline.

If the font does not use Adobe Standard Encoding or TypeSmith encoding, TypeSmith will ask you whether to load it with TypeSmith encoding.

The maximum number of open fonts is 5.

1.21 Project/ Import » AFM PostScript Type 1 Metrics...

Project/ Import » AFM PostScript Type 1 Metrics...

This command opens an ASL file requester to select a MS-DOS format PostScript Type 1 AFM metric file to import.

You must have an active window containing a font outline before opening a font metric file.

1.22 Project/ Import » PFM Windows Metrics...

Project/ Import » PFM Windows Metrics...

This command opens an ASL file requester to select a Windows format PostScript Type 1 PFM metric file to import.

You must have an active window containing a font outline before opening a font metric file.

1.23 Project/ Import » IFF DR2D Drawing...

Project/ Import » IFF DR2D Drawing...

This command opens an ASL file requester to select a drawing file to import. The file must be in IFF DR2D format.

The drawing will be stored in the clipboard and the mouseform will change to a picture frame shape to help you position the drawing. Position the picture frame at the top left corner of the area at which to paste the drawing, and then click the mouse button.

Drawings may be pasted at a different size than the original by dragging the mouse while pasting. While you drag the mouse you will see a box which represents the size of the drawing. If you hold down a Shift key while sizing the drawing, the original aspect ratio will be maintained.

Pasting does not erase the clipboard's contents. You can paste multiple copies of the drawing by repeatedly choosing the Paste command.

IFF DR2D supports many more drawing options than those used by fonts. When you import, a drawing groups will be ungrouped, and line styles, fill styles and colors will be deleted. Text objects which are not converted to graphics before saving in IFF DR2D will be ignored when imported.

All paths in an imported drawing will become subpaths of the character, since fonts do not allow parts of characters to be merged separately.

1.24 Project/ Export »

Project/ Export »

This allows you to export the current font outline and/or metric in PostScript Type 1, Type 3 or Compugraphic Intellifont formats. IFF DR2D drawings may also be exported from the current character window.

Soft-Logik format fonts should be saved with the Save or Save As commands.

You must have an active window containing a font outline before exporting a font outline, and there must be font metric information for that font before exporting a font metric file. Compugraphic Intellifonts include the outline and metric in one file so there must be font metric information before exporting an Intellifont.

See also:

- Export » Compugraphic Intellifont
- Export » TrueType Outline Font
- Export » IFF RFF Outline Font
- Export » PFB PostScript Type 1 Outline
- Export » AFM PostScript Type 1 Metrics
- Export » PostScript Type 3
- Export » IFF DR2D Drawing

1.25 Project/ Export » Compugraphic Intellifont...

Project/ Export » Compugraphic Intellifont...

This command saves the current font outline and metric in Compugraphic Intellifont format. If you have not specified a unique font ID in Font Attributes, TypeSmith will ask if you want to export the font anyway.

It first opens a requester to set Compugraphic options. Generally, these settings are not used by Amiga applications. Change your settings from the defaults if desired. This requester also allows you to generate the .metric and .dat files required by Professional Page and Professional Draw, and to generate automatic font hints. After clicking on Save, an ASL file requester will open to set the name and path of the file to save.

You must have an active window containing a font outline and metric before exporting an Intellifont.

Note: Due to a limitation in AmigaDOS, you cannot export Intellifonts directly to fonts:_bullet_outlines. Export them to another directory and then use the Intellifont (Workbench 3) or Fountain (Workbench 2) programs to install them in fonts:_bullet_outlines.

Requester Gadgets:

Create .dat and .metric files for Gold Disk® programs: Use for Professional Page 3.0+, Professional Draw 3.0+ and PageSetter III.

Generate Hints: Export with Intellifont hints.

1.26 Project/ Export » TrueType Outline Font...

Project/ Export » TrueType Outline Font...

This command saves the current font outline and metric in TrueType font format.

It first opens a requester to set TrueType options including the computer on which the font will be used and whether to generate automatic font hints. After clicking on Save, an ASL file requester will open to set the name and path of the file to save.

You must have an active window containing a font outline and metric before exporting a TrueType font.

Requester Gadgets:

Target System: Choose Macintosh or Windows to set which platform the font will be used on. If it will be used on an Amiga (only Wordworth currently supports TrueType), choose the Windows option.

TTF Instructions: Export with TrueType hints.

1.27 Project/ Export » IFF RFF Outline Font...

Project/ Export » IFF RFF Outline Font...

This command saves the current font outline and metric in IFF RFF font format.

You must have an active window containing a font outline and metric before exporting an IFF RFF font.

The IFF RFF font format is not used by other programs. It exists to provide a comprehensive format that can be opened and saved quickly. Use it while designing a font. Always save your work in IFF RFF and only export in PostScript, TrueType or Compugraphic Intellifont when you need to use the font with a program.

*Important! The IFF RFF saver module only saves characters with standard character names. If you edit the character names or load a font with non-standard character names, do not save it in IFF RFF format.

1.28 Project/ Export » PFB PostScript Type 1 Outline...

Project/ Export » PFB PostScript Type 1 Outline...

This command saves the current font outline in MS-DOS PostScript Type 1 PFB format. If you have not specified a unique font ID in Font Attributes, TypeSmith will ask if you want to export the font anyway.

You must have an active window containing a font outline before exporting

a PFB file.

It first opens a requester to specify Adobe Standard Encoding or TypeSmith Encoding, and to generate automatic font hints. After clicking on Save, an ASL file requester will open to set the name and path of the file to save.

Requester Gadgets:

Encoding Type: Choose the the encoding system type.

Generate Hints: Export with PostScript hints.

Hint Options: Opens the Global Hint Control requester.

1.29 Global Hint Control requester

Global Hint Control requester

If you click on the Hint Options gadget, the Global Hint Control requester will open to set the BlueValues and OtherBlues. The default values calculated by TypeSmith usually need to be changed only for incomplete fonts or for fonts with non-latin character sets.

It is recommended that you read the Adobe Type 1 Font Format before changing these values. The options in this requester are not documented here due to their complexity.

1.30 Project/ Export » AFM PostScript Type 1 Metrics...

Project/ Export » AFM PostScript Type 1 Metrics...

This command saves the current font metric in MS-DOS PostScript Type 1 AFM format. If you have not specified a unique font ID in Font Attributes, TypeSmith will ask if you want to export the font anyway.

The command opens an ASL file requester to set the name and path of the file to save.

You must have an active window containing a font outline and metric before exporting an AFM file.

Hold down a Shift key while choosing this command to export the AFM with Adobe Standard Encoding instead of TypeSmith Encoding.

1.31 Project/ Export » PostScript Type 3...

Project/ Export » PostScript Type 3...

This command saves the current font outline in MS-DOS PostScript Type 3

format. The command opens an ASL file requester will open to set the name and path of the file to save.

You must have an active window containing a font outline and metric before exporting a PFB file.

Note: PostScript Type 3 fonts cannot have spaces in their names. TypeSmith will convert spaces to dashes in names if you save a font with a space in its name.

1.32 Project/ Export » IFF DR2D Drawing...

Project/ Export » IFF DR2D Drawing...

This command opens an ASL file requester to export the selected paths as an IFF DR2D drawing.

TypeSmith saves drawings as filled, but unstroked. All paths in a character are merged into a single path so that they will appear properly filled when imported into another program.

1.33 Project/ Print Preview...

Project/ Print Preview...

This command opens a requester to set print options. TypeSmith allows you to preview characters on your printer. Only the character in the active character window will be printed. TypeSmith can print to any Preferences compatible printer. Ensure that you select the correct Preferences driver and that your printer is connected and online before printing.

Requester Gadgets:

Printer Driver: Shows the driver selected with Preferences. It cannot be changed from within TypeSmith.

Resolution: Choose the output resolution. The resolution options are dependent on the driver selected.

Orientation: Select portrait (vertical) or landscape (horizontal) orientation for the output.

Character Size: Sets the character size in points.

Outline Only: Print characters unfilled.

Center: Centers the output on the page.

Negative: Prints characters in reverse type.

1.34 Project/ Info...

Project/ Info...

This command opens a requester that lists program statistics. The Max Magnification is the maximum view magnification, give the MAXFACTOR tool type setting. The Number of Character Windows lists how many character windows are currently open. The Number of Points states how many fonts and windows are open, and how points are in the paths in the active character window.

1.35 Project/ About TypeSmith...

Project/ About TypeSmith...

This command opens a requester that provides useful information concerning the free memory in your computer.

1.36 Project/ Quit

Project/ Quit

This command exits TypeSmith. If a font has not been saved, you will be prompted before the program exits.
