FaceWare Product List

In addition to ViewIt, FaceWare distributes several other programming tools or "modules".   Some of these modules are extensions to ViewIt, and others can be used independently of all other modules.   All modules can be used in most Mac programming environments (we provide C, Pascal, and Fortran interfaces), although HyperCard® and Prograph™ users will need to purchase special interface code (see the HyperFace and ProFace products described below).

The first group of modules is developed, maintained, and supported by FaceWare.

ViewIt™ 2.0 - Advanced Window Designer & Manager
Price: $95 new / $40 upgrade (from FaceWare Pack)
Description: ViewIt overcomes the limitations of the Dialog Manager by extending the Control Manager.   Its major features include (1) support for editing modal and modeless windows from within running programs, (2) multiple fonts, styles, and colors, (3) the expected custom controls (lists, menus, ICON/PICT buttons, etc.), (4) support for extended controls that can be as powerful as complete text editors (see EditControls below), (5) a view hierarchy that supports scrolling and paging of groups of controls, (6) direct links between program variables and control values, (7) ability to override all control behavior, (8) compatible with existing CDEFs, (9) imports any DITL, and (10) can be made to work in any Mac programming environment.
Also includes FaceIt™ 2.0 which can be optionally used to quickly add a Mac interface to existing C, Pascal, or Fortran programs.   FaceIt can handle standard menu items, tear-off menus, floating palettes, the required core Apple events, and other program-wide features.

EditControls™ 2.1 - Advanced Controls (for ViewIt)
Price: $75 new / $35 upgrade (from FaceWare Pack)
Description: Powerful, high-capacity text (TextControl™), graphic (GrafControl™), and array (ArrayControl™) editing controls for use in ViewIt windows.   Automatically supports editing, file handling, and printing of text, pictures, and numbers.   TextControl also supports program-directed and interactive text I/O, and can be used as a replacement for Absoft and Language Systems default windows.   GrafControl also supports moving, resizing, and combining pictures, as well as off-screen pixmap creation.
NOTE: The plotting modules described below plot into any window, but do not themselves support editing, file handling, or printing.   If you need these features (most programmers do), then you should consider also purchasing ViewIt and EditControls.

Inside FaceWare™ 2.0 - FaceWare Developer's Guide
Price: $75 new / $35 upgrade
Description: Recommended for programmers who need to override ViewIt controls, or develop custom controls.   Includes source code for all of the control drivers shipped with ViewIt, plus development projects for both utility and control-driving types of FaceWare modules.

CommControl™ 2.1 - Communications Control (for ViewIt)
Price: $95 new / $40 upgrade
Description: CommControl is a control-driving module that adds instant, plug-in communications controls (i.e., terminal views) to ViewIt windows.   It provides a very simple interface to the services provided by Apple's Macintosh Communications Toolbox and the Basic Connectivity Set of communications tools (included with CommControl).   Both program-based and user-oriented tool selection and configuration is supported, as well as direct commands for input/output.   Multiple connections are easily supported by adding multiple controls to ViewIt windows.

QuickControl™ 1.0 - Animation Control (for ViewIt)

Price: $75 new / $35 upgrade (from AnimIt)

Description: QuickControl is a control-driving module that adds instant, plug-in animation controls to ViewIt windows. It provides complete support for Apple's QuickTime™, including movie creation, editing, playing, compression, and file handling. QuickControl is generally more powerful than AnimIt, but requires the presence of both QuickTime and ViewIt.

AnimIt™ 3.1 - Animation Module

Price: $75 new / $35 upgrade

Description: AnimIt can be used to animate from disk or memory any set of drawings in any port. The drawings can either be dynamically created by the program or imported via PICS files. AnimIt also supports saving, replaying, and interactive control of all animations. Advantages over Apple's QuickTime™ include: less overhead, works with any language/compiler, can incorporate into applications, and runs on all Macs. AnimIt can be used in any program (other modules not required), and includes the AnimCt™ control driver for quickly adding animation views to ViewIt windows.

DrawIt™ 2.1 - QuickDraw™ Extensions

Price: $95 new / $40 upgrade

Description: DrawIt was designed to overcome the major limitations of QuickDraw. It can be used in any program (other modules not required), and includes support for rotated text (any angle, optional fill and frame), hi-resolution PostScript® line drawing, continuously dashed lines (with custom dash sequences), arrowheads (line and solid triangle/wedge), picture objects, and text and object alignment options that eliminate tedious font alignment calculations. DrawIt maximizes speed through the use of assembly language and fixed point math calculations. It is typically used to enhance existing, QuickDraw-based drawing or plotting routines. DrawIt's use also ensures maximum MacDraw™ and Canvas™ import compatibility.

FaceBase™ 1.0 - Database Module

Price: $75

Description: Powerful, efficient, easy-to-use routines for database management. Supports fixed-length record types, multiple record types within each file, multiple indices for each record type, and string, numeric, and other search key types. Can be used independently of all other modules, but works best with ViewIt since ViewIt makes it easy to display and edit database records.

HyperFace™ 1.1 - HyperCard® Interface to FaceWare Modules

Price: $75 new / $35 upgrade

Description: Bring the power of FaceWare to HyperCard! HyperFace is an XCMD that allows HyperCard ≥ 2.0 programmers to use HyperTalk® to call FaceWare modules. All FaceWare modules listed above are supported. (All FaceWare modules can also be called from within HyperCard XCMDs or XFCNs without the help of HyperFace. This includes the plotting modules listed below that are not currently supported by HyperFace.)

The second group of modules are those distributed by FaceWare but developed, maintained, and supported by other companies: CompuDent (OmegaPlot) or Numerics (ContourPlot, SurfacePlot, ISD, and The Evaluator). Note that the plotting modules can be used to create plots in any program window, but work especially well with the graphic controls in the EditControls product.

OmegaPlot™ 3.1 - 2D Plotting Module

Price: $125 new / $75 upgrade

Description: OmegaPlot is a complete plotting tool for producing presentation quality color or B&W 2D plots. Version 3.1 supports linear, semi-log, log-log, double Y†, XY, polar†, bar, stacked bar, %bar†, column, stacked column, %column†, pie, area, and histogram† charts. It is 32-bit clean and will automatically utilize the 68881/2 math coprocessor when available. Plots into any port from any array of integer or real numbers. Includes click-n-drag interface that allows users to interactively change plot formats, providing both high-level, user-oriented control and low-level, program control over plot appearance. Other features include: 20 data sets per plot, 30,000 data points per set, overlay plots, PostScript-compatible thin lines and rotated text, legends, complete control of text fonts, sizes, styles, and colors, decimal and scientific notation, and dashed lines.

New features in 3.1 include the † plot types listed above, error bars, Y2 axis, user-defined plot formats, improved PostScript, and the ability to click on a plot to obtain a value.

ContourPlot™ 1.1 - Contour Plotting Module

Price: $95

Description: Creates contour plots from any integer or real data arrays. Supports PostScript-compatible thin/dashed lines and rotated text. Full control of font, size, style, color, dash pattern, line weight, etc., for axes and contour levels. Plot resolution as high as 10,000 points per inch. A third-order polynomial bivariate is used to support optional smoothing, with up to 50 interpolated points between contour vertices.

SurfacePlot™ 1.1 - Surface Plotting Module

Price: $95

Description: Creates surface plots from any integer or real data arrays. Supports PostScript-compatible thin/dashed lines and rotated text. Full control of font, size, style, color, dash pattern, line weight, etc., for axes and contour levels. Plot resolution as high as 10,000 points per inch.

ISD™ 1.1 - Irregularly-Spaced Data Module

Price: $50

Description: Converts any XYZ data set to a regularly-spaced grid of Z values. Required by Contour/SurfacePlot if raw data is irregularly spaced.

The Evaluator™ 1.1 - Function Evaluator

Price: $95

Description: Evaluates math expressions based on any combination of 96 built-in or user-defined functions referencing any variable or array. The built-in functions range from simple arithmetic to Jacobian Elliptic and Hypergeometric functions. The Evaluator also supports logical operators and inequalities, as well as user-defined expressions that can be mixed with the built-in functions.

ProFace™ 1.0 - Prograph™ Interface to FaceWare Modules

Price: $75

Description: Bring the power of FaceWare to Prograph! ProFace is an XDEF that allows Prograph > 2.5.1 programmers to call FaceWare modules. Call for list of modules currently supported.

If ordering 4 or more units (any combination), then subtract 30% from the total price. Illinois residents add 7.25% sales tax. Add $10 for airmail shipping outside North America. Orders can be placed by phone or mail. MasterCard and VISA accepted.

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