

FWCalendar

Ron Goertz

COLLABORATORS

	<i>TITLE :</i> FWCalendar		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Ron Goertz	January 19, 2025	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

FWCalendar

1.1 Index

FWCalendar.rexx
and
FWCAddEvent.rexx Macros

Ron Goertz
16 Milltown Rd
N Stonington CT 06359
goertz@earthlink.net

These macros are made available for your personal use and no-cost distribution. ↵
Permission for any
other use must be obtained from the author. The most current version can always be ↵
found by
following the "Apps" link on my homepage (<http://home.earthlink.net/~goertz/Ron/>). ↵
If you would
like to be notified of updates, send me an email telling me what you like/don't ↵
like about
FWCalendar.rexx or FWCAddEvent.rexx.

Note: FWCalendar is Y2K Compliant!

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1.2 Introduction to FWCalendar and FWCAddEvent Macros

INTRODUCTION

A macro for creating calendars in Final Writer v4+ and PageStream v3+, and a macro ↵ for adding events to those calendars.

Features:

- Over 100 user-definable variables
- Same program works with Final Writer & PageStream!
- Calendars are fully resizable by changing only the margins - no need to change font sizes!
- Start the calendar on any day of the week (eg, Monday, Tuesday, ..., Sunday)

Mini calendars

- "Shadowed" days from previous/next months
- Different backgrounds for weekends, highlights, and holidays
- Print full year on a single page
- Julian dates/days remaining in the year
- Sunrise/sunset times (via SunCalc)
- Sequential week numbers
- Moon phases
- Images on birthdays, anniversaries, etc

Automatic holidays

- Multiple holidays on a day
- Easter and Easter-based events can be included

Single-day events

- Multi-day/week events
- Multiple-line events
- Repeated weekly events
- Repeated monthly events
- End-of-month events
- Events with weekend-exceptions
- Boxed events
- Pre-defined event data files

Fully localized

- Full control over colors and fonts
- Test Mode to verify variables (Final Writer version only)
- Separate settings for Monthly and Yearly calendars
- Launch a program or macro after the calendar is done
- Simple variable editor
- Y2K compliant!

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1.3 Installation

INSTALLATION

Copy FWCalendar.rexx, FWCAAddEvent.rexx, and the appropriate FWCalendar.data file (←
found in the
folder corresponding to your country) to the same directory. Although any ←
directory can be used,
all the files must be in the same directory or the calendars will default to ←
English with no
highlights. See the localization link for more details. If you want to have images ←
inserted on
specified dates, copy the "Images" directory to the same directory as the macros (←
this location can
be changed; see variables).

bgui.library and rexxbgui.library are REQUIRED. The archives containing these ←
libraries can be
found at the BGUI site (<http://www.bgui.e-na.net/>, with the bgui.library at
<http://www.bgui.e-na.net/bgui.lha> and the rexxbgui.library at
http://www.bgui.e-na.net/bgui_rexx.lha), or by following the "Apps" link at my ←
website
(<http://home.earthlink.net/~goertz/Ron/>). If you don't plan on programming using ←
RexxBGUI, you can
do a quick installation by simply finding the libraries in the archives and ←
installing them in
LIBS:.

rexstricks.library and rexxmathlib.library (v38.1+) are suggested. rexxtricks. ←
library becomes
useful for creation of several calendars in a row. rexxmathlib.library is required ←
if you want to
include the phases of the moon on your calendars. None of these libraries are ←
included with this
distribution, but are available from Aminet.

rexsupport.library is also required and should have come with your Amiga.

CAUTION: FFPpatch 1.8beta © 1997 Jess Sosnoski causes problems with the math ←
routines in
rexxmathlib.library and may make it impossible to calculate/insert the phases of ←
the moon.

Optionally, SunCalc by Brian Savage and Visage by Magnus Holmgren can be used by ←
FWCalendar.
Suncalc is used in determining sunrise/sunset times, and Visage is used in getting ←
information for
inserting images on specified days. The ':' or '/' terminated path (not including ←
the file name) to
these applications needs to be entered in the DoSunCalc and DoImages variables.

If you want to add the macros to Final Writer's "User" menu, follow the ←
instructions in the Final
Writer manual.

If you want to add the macros to Pagestream's "Scripts" palette (note that <path> ↵ refers to the

actual path of the directory you used for the installation):

Select "New..." from the Scripts Palette menu

Enter "FWCalendar" as the Name

Enter "RX <path>/FWCalendar.rexx" in the Script box

Select a shortcut combination if desired

Click on "OK"

Select "New..." from the Scripts Palette menu

Enter "FWCAddEvent" as the Name

Enter "RX <path>/FWCAddEvent.rexx" in the Script box

Select a shortcut combination if desired

Click on "OK"

Select "Save" from the Scripts Palette menu

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1.4 Calendar Macro

CALENDAR MACRO

FINAL WRITER

Select the Calendar macro entry from Final Writer's "User" menu (if you installed ↵ it there) or

select the "User/Other/ARexx Script ..." menu item and find the FWCalendar.rexx ↵ macro.

PAGESTREAM

Select the FWCalendar macro entry from Pagestream's "Scripts" palette (if you ↵ followed the

installation procedures included with this guide), otherwise select the "Scripts/ ↵ Play External

Script ..." menu item and find the FWCalendar.rexx macro.

BOTH FINAL WRITER & PAGESTREAM

It is normal for there to be a delay as the requester is created by rexxbgui.

Test mode is turned on by default. This will test the fonts (both PageStream and Final Writer) and the colors (Final Writer only) before beginning the creation of the calendar. Once this test has been completed successfully (i.e., no errors were reported), Test mode can be turned off (set the TestMode variable to 0 in the FWCalendar.data file). If the test mode reports any errors, check the contents of the variables and change them to appropriate values for your printer setup, font desires, and font paths.

The first requester to appear will allow you to change some of the options set as defaults or in the FWCalendar.data file. Note that both FWCalendar.rexx and FWCAAddEvent.rexx use the same data file for initializing variables, so you should not change the data file between using FWCalendar.rexx and FWCAAddEvent.rexx. See notes on the variable editor for more details.

After the required information is entered, the screen's magnification is reduced (Final Writer) or hidden (PageStream, see "DoHide" variable) to speed up rendering and it's off and running. Highlights contained in the macro will be rendered automatically. When the macro is finished, the screen magnification will be restored (Final Writer) or the screen will be revealed (PageStream). Note that updating is turned off during rendering, so the calendar may look strange while being rendered.

In order for FWCAAddEvent.rexx to work, the month/year of the calendar is written in the upper left corner; as this is written in white, you won't see it. FOR FINAL WRITER, IF YOU MODIFY THE SCRIPT, DON'T RENDER ANYTHING TO THE SCREEN UNTIL AFTER THIS OBJECT HAS BEEN RENDERED.

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1.5 FWCAAddEvent Macro

FWCADDEVENT MACRO

RexxBGUI is used to create the FWCAAddEvent requester. Because the requestor is generated "on the fly" and then compiled, it is normal to expect a short (too long?) delay between placing a call to FWCAAddEvent.rexx and the requestor showing up.

Note that both FWCalendar.rexx and FWCAAddEvent.rexx use the same data file for initializing variables, so you should not change the data file between using FWCalendar.rexx and FWCAAddEvent.rexx. See notes on the variable editor for more details.

USE

Create a calendar or load a previously created calendar, then (for Final Writer) select the "FWCAAddEvent" item from the "User" menu (if you didn't follow the installation procedures included with this guide, you may have to select the "User/Other/ARexx Script ..." menu item and find the FWCAAddEvent macro), or (for PageStream) select the FWCAAddEvent macro entry from the "Scripts" palette (if you followed the installation procedures included with this guide), otherwise select the "Scripts/Play External Script ..." menu item and find the FWCAAddEvent macro.

The FWCAAddEvent requestor is created "on the fly," with a different requestor created for each month.

The top-left gadget cycles between Event and File choices. When the Event choice is selected, you can enter the desired event in the text box (the hot-key for this defaults to 'E' but can be changed using the 'EventKey' variable). When the File choice is selected, a requester will pop up allowing you to select a pre-defined event data file (see Data Files for the format of this file); the chosen file will be displayed in the event text box.

Unboxed, single-day events will have subsequent lines indented. The text will be split between lines automatically, so there is no need to indicate specific line breaks. Boxed events have all lines centered, and line breaks can be indicated by inserting '//' where the line break is to be.

The majority of the requestor consists of a bunch of buttons representing the days of the month (including days of the previous and next months as appropriate). The dates clicked will alternate between being entered as the Start and End dates, shown to the right of the calendar buttons (the first date clicked will be entered as the Start date, the next as the End date, the next as the Start date, the next as the End date, and so on). The End date does not need to be designated for

single-day events. If the Start date is after the End date, the dates will be switched in the macro.

The Line cycle gadget will allow you to select on which line of the calendar the event should be inserted, ranging from 0 to the maximum number of lines that will fit in a calendar cell (defaults to line 1).

The Box checkbox tells whether events should be outlined in a box or not. All multi-day events WILL BE boxed. Boxed entries will have text lines centered; unboxed multi-line events will have the second and subsequent lines indented.

You can assign a color to the Box background by entering a color in the 'Box Color :' text box. No error checking is done on the color.

Weekly events will be repeated from the starting point to the end of the calendar. Weekly events can be single-day (Staff Mtg every Wednesday) or multi-day (Thursday/Friday seminar every week this month), and can wrap around the weekend.

Enter the desired information (minimum: event text/data file and start date), then click the OK gadget. The text will be drawn on the screen one or more times as it is sized to fit in the span of days you selected. After it is sized properly, it will be placed in the proper location (can you help me speed this part up?). Click the Cancel gadget to cancel the requestor (the requestor will keep reappearing automatically until the requestor is cancelled or closed).

This macro is designed to work specifically with my Calendar macro; it reads the month and year from the calendar to determine the calendar layout, and must have the same data in the FWCalendar.data file as was used in creating the Calendar. If the macro doesn't work for you "out-of-the-box," check the contents of the variables and change them to appropriate values for your font paths/desires.

Entries must be deleted through Final Writer or PageStream (select the text object and delete it).

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1.6 Data Files

DATA FILES

Two data files can be used: one for the monthly calendars (FWCalendar.data) and one for pre-defined event data (for use with FWAddEvent.rexx).

FWCalendar.data

Changes made to the FWCalendar.data file using the variable editor are saved. Should you change any values in your FWCalendar.data file, you will need to select the "Reset" button in the variable editor for the changes to be read. Note that this will also cause any previous changes made with the variable editor to be lost, so it is always best to keep your preferred default values set in the FWCalendar.data file.

Both FWCalendar.rexx and FWAddEvent.rexx use the same data file for initializing variables, so you should not change the data file between using FWCalendar.rexx and FWAddEvent.rexx. See notes on the variable editor for more details.

VARIABLES There are over 100 user-definable user variables contained in the localized data files. This allows you to keep your variables separate so you don't have to change them every time a new version of the macros is released, and allows you to customize FWCalendar to a great extent.

HIGHLIGHTS "Highlight" is the term I'm using to describe holidays, anniversaries, birthdays, and other notable dates. There is no design limitation on the number of highlights that can be assigned, since multiple highlights can be assigned for each day of the year. There is a comment line beginning the highlight list for each month; this is not necessary for the macro but helps organize the highlights.

IMAGES You can specify images to be inserted in the center of certain dates such as birthdays, anniversaries, and other days. The images can be inserted whether or not a highlight is inserted on that date. Only one image can be inserted for a given day.

FWCAddEvent.data

If you find yourself adding the same events to the calendar each month, always in the same order and always the same number of days apart (such as a rotating work schedule). In these cases, it may be convenient to pre-define these events and enter them automatically. To do so, select the "File" option from the upper-left gadget of the AddEvent requester, then select the pre-defined event data file.

The pre-defined event data file can have any name and be located anywhere, but the recommended name is FWCAddEvent.data (the name I'll use for reference) and the recommendation location is in the same directory as the other FWCalendar files. The FWCAddEvent.data file consists of one or more lines in the following format:

StartOffset, EndOffset, Line, Options, Color Tint, Event

StartOffset - The offset from the Start Date selected in the AddEvent requester, used to calculate the event's start date

EndOffset - The offset from the Start Date selected in the AddEvent requester, used to calculate the event's end date

Line - The line number to used for the event (0 - 9)

Options - B for boxed, W for Weekly (they can be used separately or together)

Color Tint - The Color (eg, Blue or Red) and Tint (percent value, eg, 50 or 75) to be used for the box's background. Note that there is no comma between the Color and the Tint. The Tint will not be used for calendars generated with Final Writer.

Event - The event (no quotes are needed, unless you want them to be included)

Only StartOffset and Event are required, but all commas MUST be present.

Examples:

0,,,Testing Testing will be inserted on line one of the Start Date

0,1,2,, "Testing" "Testing" will be inserted and boxed on line 2 of the Start Date and the next day

4,,1,bw,'Gnitset' 'Gnitset' will be inserted and boxed on line 1 of the 4th day after the Start Date, and will be repeated weekly through the end of the calendar

A sample FWCAAddEvent.data file is included with this distribution. Try running this on a calendar to see some of the possibilities.

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1.7 Variables

VARIABLES

NOTE: THE VARIABLES HAVE BEEN COMPLETELY REDONE FOR V3.+. PLEASE UPDATE YOUR DATA FILES!

There are over 100 variables that the user can set to customize either the calendars generated or the behavior of FWCalendar while the calendar is being created.

User variables are contained in localized FWCalendar.data files. This allows you to keep your variables separate so you don't have to change them every time the macros are updated. No values need to be entered in the data file if the values listed as default are acceptable; if the default value is not acceptable, enter the desired data in the data file.

Changes made to the FWCalendar.data file using the variable editor are saved. Should you change any values in your FWCalendar.data file, you will need to select the "Reset" button in the variable editor for the changes to be read. Note that this will also cause any previous changes made with the variable editor to be lost, so it is always best to keep your preferred default values set in the FWCalendar.data file.

Both FWCalendar.rexx and FWCAAddEvent.rexx use the same data file for initializing variables, so you should not change the data file between using FWCalendar.rexx and FWCAAddEvent.rexx. See notes on the variable editor for more details.

There should be no need to change variables in the macro itself.

All font sizes are computed according to the size of the TextArea and the MiniCal heights relative

to the area available to the calendar. The font used for dates, highlights, and AddEvent text can have the width adjusted.

Any comments MUST be fully contained in the same line.

Variable names MUST be separated from the '=' by at least one space.

The variables MUST be followed by the line:

```
/* End Pass One - DO NOT DELETE THIS LINE!!! */
```

IF YOUR VERSION OF FINALWRITER USES NON-ENGLISH WORDS FOR BLACK AND WHITE, YOU MUST CHANGE THE VARIABLES BLACK\$ AND WHITE\$ FOR THE PROGRAM TO WORK PROPERLY!!

Localization strings

Localized FWCalendar.data files are included with the distribution. Each file includes all of the currently used translation strings (ending in '\$'). If you would like to include your language, please contact the author. If you would like to improve the translation strings for your language, please email the author the updated FWCalendar.data file.

Normal Variables

AddEventRows - The maximum number of rows of AddEvent text desired in each day,
affects point size of AddEvent font
Values: any decimal number (larger = smaller text)
Default: 9

AdjustDST - Adjust for daylight savings time changes for SunCalc\$^2\$
Values: 0 = don't adjust, 1 = adjust (requires RextTricks. library)
Default: 1

DateOffset - Fraction of box width to offset dates from edge of box
Values: any decimal number
Default: 0.02

DoBackgrounds - Use a different background colors as defined below\$^2\$
Highlight backgrounds will only be used if DoHighlights = 1
Values: 0 = no background, 1 = use background
Default: 0

DoDateBox - Draw a box around the date in the grid color
Values: 0 = don't draw, 1 = draw
Default: 0

DoEaster - Include Easter and Easter-based holidays\$^2\$
Values: 0 = don't include, 1 = include
Default: 1

DoExtended - Include days from the previous/next months\$^2\$

- Values: 0 = don't include, 1 = include
Default: 1
- DoHide - Hide PageStream window while rendering\$^2\$
Will only hide window if no other windows are open
Values: 0 = don't hide, 1 = hide
Default: 0
- DoHighlights - Include highlights\$^2\$
Values: 0 = don't include, 1 = include
Default: 1
- DoImages - Insert images (requires Visage to be installed)\$^2\$
Values: 0 = Don't insert, 1 = insert
Default: 0
- DoJulian - Insert Julian day at the bottom of each day\$^2\$
If DoJulianLeft = DoJulian, DoJulianLeft will be appended to ↵
DoJulian
Values: 0 = don't insert
 'TC' = align top center
 'TR' = align top right
 'BL' = align bottom left
 'BC' = align bottom center
 'BR' = align bottom right
Default: 0
- DoJulianLeft - Insert days remaining in the year at the bottom of each day\$ ↵
^2\$
If DoJulianLeft = DoJulian, DoJulianLeft will be appended to ↵
DoJulian
Values: 0 = don't insert
 'TC' = align top center
 'TR' = align top right
 'BL' = align bottom left
 'BC' = align bottom center
 'BR' = align bottom right
Default: 0
- DoMiniCals - Include mini-calendars\$^2\$
Values: 0 = don't include, 1 = include
Default: 1
- DoPhases - Include the phases of the moon\$^2\$
Values: 0 = don't include
 'TC' = align top center
 'TR' = align top right
 'BL' = align bottom left
 'BC' = align bottom center
 'BR' = align bottom right
Default: 0
- DoShanghai - Force application screen to shanghai windows
Values: 0 = don't force, 1 = force
Default: 1
- DoSunRise - Include sunrise times (requires SunCalc)\$^2\$
-

If DoSunRise = DoSunSet, DoSunSet will be appended to DoSunRise ↵

Values: 0 = don't include
 'TC' = align top center
 'TR' = align top right
 'BL' = align bottom left
 'BC' = align bottom center
 'BR' = align bottom right
 Default: 0

DoSunSet - Include sunrise times (requires SunCalc)^2\$
 If DoSunRise = DoSunSet, DoSunSet will be appended to DoSunRise ↵

Values: 0 = don't include
 'TC' = align top center
 'TR' = align top right
 'BL' = align bottom left
 'BC' = align bottom center
 'BR' = align bottom right
 Default: 0

DoWeekNumber - Include week number at the bottom of the first day of each week^2\$ ↵

Values: 0 = don't include
 'TC' = align top center
 'TR' = align top right
 'BL' = align bottom left
 'BC' = align bottom center
 'BR' = align bottom right
 Default: 0

EventKey - Sets the "hot key" for the event gadget of the AddEvent requester^3\$ ↵

Values: Any character
 Default: 'E'

FinalView - Sets the magnification percent of the calendar after it is created ↵

Values: FW - Any whole number (20 - 400)
 PGS - Any number (5 - 3000)
 Default: 75

FullIsFilled - Determines whether a full moon or new moon is colored
 Values: 0 = New moon is colored, 1 = full moon is colored
 Default: 1

GfxAppPath - Path to graphics Application^2\$
 Values: ':' or '/' terminated path to Visage
 Don't include the application name with the path!
 Default: None

HeaderLoc - Adjustment for location of month/year heading^2\$
 Values: any decimal number (larger moves heading higher)
 Default: 2

HighlightRows - The maximum number of rows of Highlight text desired in each day, ↵

- affects point size of Highlight font
Values: any decimal number (larger = smaller text)
Default: 9
- LaunchM - Variable to be INTERPRETEd upon completion of monthly ↵
calendar\$^2\$
Values: See reference
Default: ''
- LaunchY - Variable to be INTERPRETEd upon completion of yearly ↵
calendar\$^2\$
Values: See reference
Default: ''
- ListAll - Determines which variables are to be listed in the Variable ↵
Editor\$^2\$
Values: 0 = only FWCalendar.data variables, 1 = all user ↵
variables
Default: 0
- MaxPixHeight - Maximum percentage of boxheight to be used for images
Values: Decimal number less than 1
Default: 0.75
- MaxPixWidth - Maximum percentage of boxwidth to be used for images
Values: Decimal number less than 1
Default: 0.75
- MiniCalHeight - Fraction of text area height used for minicals\$^2\$
Values: any decimal number
Default: 0.60
- MiniCalWidth - Width-to-height ratio for minicals\$^2\$
Values: any decimal number
Default: 2.00
- MiniCalSpacing - Fraction of print width placed between full-year minicals\$^2 ↵
\$
Values: any decimal number
Defalut = 0.005
- MoonRadius - Percentage of boxheight to use for moon image
Values: Decimal number less than 1
Default: 0.1
- Orientation - Orientation of the calendar
Values: 'Wide' = landscape, 'Tall' = portrait
Default: 'Wide'
- PageHeight - Height of paper in current units
Values: any decimal number in your measurement units
Default: FW - read from preferences
PGS - 11.0
- PageWidth - Width of paper in current units
Values: any decimal number in your measurement units
Default: FW - read from preferences
-

PGS - 8.5

- StartWeek - Day of the week to use in the first calendar column\$^2\$
Values: 0 - Sunday
1 - Monday
2 - Tuesday
3 - Wednesday
4 - Thursday
5 - Friday
6 - Saturday
Default: 0 (Sunday)
- StretchDateH - Factor to stretch date heights by, gives "drop cap" effect\$ ↔
^2\$
Values: Any number, best 1 - 4
Default: 1
- StretchDateW - Factor to stretch date widths by, resulting in wider/ ↔
narrower fonts\$^2\$
Values: Any number, best 1 - 4
Default: 1
- Storage - ':' or '/' terminated path where temporary files will be ↔
created
Values: Any ':' or '/' terminated path
Default: 'RAM:FWC/'
- SunCalcPath - Path to SunCalc\$^2\$
Values: ':' or '/' terminated path to SunCalc
Don't include the application name with the path!
Default: None
- TabFactor - Amount to indent line if TabSub is found\$^3\$
Values: Any decimal number
Default: 3
- TabSub - Character combination to be replaced by a 'tab' (beginning ↔
of
first line only)\$^3\$
Values: Any set of characters
Default: '/~'
- TestMode - Will enable checking of your variable values\$^2\$
Values: 0 = off, 1 = on
Default: 1
- TextAdj - fraction of font height to lower inserted text for FW ↔
version
Values: any decimal number (.77 = 77%)
Default: 0.77
- TTextArea - Fraction of print height used for top of tall calendar
Values: any decimal number
Default: 0.15
- WTextArea - Fraction of print height used for top of wide calendar
Values: any decimal number
-

Default: 0.20

"Array" variables\$^1\$

AltColor. - Text colors for use when there is a non-white background
Default: Black\$

Date - Day numbers
Extended - Day numbers for previous/next months
Highlight - Day numbers & text for non-holiday highlights
HighlightH - Day numbers & text for holiday highlights
Julian - Julian day number
WeekNumber - Sequential week number
Sunrise - Sunrise time
Sunset - Sunset time

Background. - Background colors
Default: White\$

MiniCal - Minicals
Highlight - Non-holiday highlights
HighlightH - Holiday highlights
Weekend - Saturdays & Sundays
AddEvent - Boxed events added with AddEvent.rexx

Bold. - Bolded font names
Values: FW - Any valid font including FULL path\$^2\$
PGS - Any valid font name
Default: FW - 'FWFonts/SWOLFonts/SoftSans_Bold'
PGS - 'Helvetica-Bold'

MiniCal - MiniCal day numbers

Color. - Text & moon colors
Default: Black\$

Date - Day numbers
Weekday - Weekday titles
Header - Calendar title (Month & Year)
MiniCal - MiniCal day numbers
Extended - Day numbers for previous/next months
Highlight - Day numbers & text for non-holiday highlights
HighlightH - Day numbers & text for holiday highlights
AddEvent - AddEvent text
Julian - Julian day number
WeekNumber - Sequential week number
Sunrise - Sunrise time
Sunset - Sunset time
Moon - Moon image

Font. - Font names
Values: FW - Any valid font including FULL path
PGS - Any valid font name
Default: FW - 'FWFonts/SWOLFonts/SoftSans'
PGS - 'Helvetica-Normal'

Date - Day numbers

Highlight - Highlights, AddEvent, and misc text
 Weekday - Weekday titles
 Header - Calendar title (Month & Year)
 MiniCal - MiniCal day numbers

ImageClass. - Image files to be used for common events\$^2\$
 Vaules: An image file, with or without path (see images)
 Default: None

The variables must match a word in the highlight for the day
 (see images for more information)

Line. - Line and box colors
 Default: Black\$

Grid - Current-month dates (main grid color)
 MiniCal - Minical borders
 Extended - Previous/next months
 AddEvent - Boxed events added with AddEvent.rexx

Margin. - Margin settings
 Values: any decimal number in your measurement units
 Default: FW - read from preferences
 PGS - 0.5

Top - Top margin
 Bottom - Bottom margin
 Left - Left margin
 Right - Right margin

ShiftLMini. - Values for shifting the left minical\$^2\$
 Values: any number (- = left, + = right);
 shift = value/720 inches
 Default: 0

FW - Shift to be used for Final Writer calendars
 PGS - Shift to be used for PageStream calendars

ShiftRMini. - Values for shifting the right minical\$^2\$
 Values: any number (- = left, + = right);
 shift = value/720 inches
 Default: 0

FW - Shift to be used for Final Writer calendars
 PGS - Shift to be used for PageStream calendars

Text. - Text strings to be included before the value\$^2\$
 Default: ''

Julian - Julian days
 WeekNumber - Sequential week number
 Sunrise - Sunrise time
 Sunset - Sunset time

Width. - Font widths (in percent)
 Values: FW - Any whole number (4 - 255)
 PGS - Any number (1 - 655 by 0.01)

Default: Calculated or 100%

Date - Day numbers, highlight & AddEvent text

$\1 The variables shown in this area are the "stems" of the variables. To set a particular variable to a specific value (eg, the date font color to blue), \leftarrow add the variable to the "stem" followed by the value:

```
Color.Date = 'Blue'
```

To set all values of a "stem" to a specific value (eg, set all text colors to \leftarrow red), simply follow the "stem" by the value:

```
Color. = 'Red'
```

$\2 Used in FWCalendar.rexx only

$\3 Used in FWAddEvent.rexx only

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1.8 Highlights

HIGHLIGHTS

"Highlight" is the term I'm using to describe holidays, anniversaries, birthdays, \leftarrow and other notable dates. There is no design limitation on the number of highlights that can be \leftarrow assigned, since multiple highlights can be assigned for each day of the year. There is a comment \leftarrow line beginning the highlight list for each month; this is not necessary for the macro but helps \leftarrow organize the highlights.

There are several possibilities for highlight information, depending on whether \leftarrow the highlight falls on a fixed date or can "float". Both fixed highlights and floating highlights and \leftarrow can be set to happen monthly, while floating highlights can be set to show up only on weekdays \leftarrow or to always show up on the last day of the month.

Fixed-date
 Floating
 Easter-based
 Monthly
 End-of-month
 Non-weekend

Multiple events falling on the same day will automatically be accounted for. If you're using different box colors for your holiday-events and other highlights, only the box for the first event will be drawn (this keeps boxes from covering up already-rendered text).

If a highlight is wider than the calendar box width, the highlight will be word-wrapped.

Any comments MUST be fully contained in the same line, and highlights MUST be preceded by the line: `/* End Pass One - DO NOT DELETE THIS LINE!!! */`

Fixed-date - Birthdays and Christmas are examples of fixed-date highlights

Example: `12Highlight.12.25 = "Christmas#"`

12 - the two-digit month in which the event occurs
 Highlight - the keyword
 12 - the month in which the event occurs
 25 - the date on which the event occurs
 'Christmas' - the event as it will be inserted
 # - indicates the event is a holiday-event (optional)

Floating - Mother's Day and Thanksgiving are examples of floating highlights

Example: `05CalculateDate(5, "Monday", 14, "Mother's Day")`

(This means: When Mother's Day falls on its highest numerical day (Sunday, May 14th), May 1st is always on a Monday. See below for the breakout.)

05 - the two-digit month in which the event occurs
 CalculateDate - the keyword
 5 - the month in which the event occurs
 "Monday" - the day of the week on which the 1st of the month occurs for the value below
 14 - the highest numerical date on which the event can occur
 "Mother's Day" - the event as it will be inserted
 # - indicates the event is a holiday-event (optional)

If you attend lunch meetings held on the first and third Thursdays of every month, you could add the following entries (see the discussion about monthly events below):

`13CalculateDate(13, "Friday", 7, "Lunch Meeting")`
`13CalculateDate(13, "Friday", 21, "Lunch Meeting")`

Easter-based - Good Friday and Ash Wednesday are examples of Easter-based highlights ↵

Example: CalculateEDate(-2, "Good Friday#")

CalculateEDate - the keyword
 -2 - the number of days before or after Easter on which the event occurs ↵
 "Good Friday" - the event as it will be inserted
 # - indicates the event is a holiday-event (optional)

Monthly - Monthly events (events that take place on the same day every month) can be included by ↵
 setting the month equal to 13. Both floating and fixed events can be included. For example, if you ↵
 need to pay the rent on the 5th of each month, you could add the following highlight: ↵

```
13Highlight.13.5 = "Pay Rent"
```

End-of-month - Some events, such as pay day, may always fall on the last day of the month. for ↵
 these cases, enter 32 for the event's day. Although most useful for monthly events ↵
 , this can also
 be used for events that happen specifically on the last day of February.

```
13Highlight.13.32 = "Pay Day"
```

Non-weekend - If an event always falls on the same day UNLESS that day is a weekend, this can be ↵
 accounted for by putting an 'N' (if the event will fall on the next weekday) or a 'P' (if the event ↵
 will fall on the preceeding weekday) after the date. This can be combined with the end-of-month, ↵
 monthly, and floating-highlight possibilities.

```
13Highlight.13.32P = "Payday" /* Last weekday of each month */
04Highlight.4.15N = 'Tax Day' /* >= April 15 */
```

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1.9 Highlight Images

IMAGES

You can specify images to be inserted in the center of certain dates such as birthdays, anniversaries, Christmas, Tax Day, etc. Some images can be inserted whether or not a highlight is inserted on that date. Only one image can be inserted for a given day.

Currently, Visage by Magnus Holmgren is used to determine the type, width, and height of the images to be used. Although Visage is a fine program, it is really overkill for the job it does. If I can find (or convince someone to write) a small application to give me datatype picture type, width, and height, I'll switch to that. In the meantime, the ':' or '/' terminated path (not including the file name) for Visage needs to be entered as the value of the GfxAppPath variable in FWCalendar.data.

If you have any suitable images I could include in the archive, please forward them to me.

Image Classes - Image classes are defined in the upper part of the FWCalendar.data file, above the `/* End Pass One - DO NOT DELETE THIS LINE!!! */` line.

Image classes can be defined for frequently occurring events such as birthdays and anniversaries. The variable stem is "ImageClass.", and the variable itself must match a word that will be used in the highlight (for example, ImageClass.Birthday will define the image to be used for all highlights containing the word "Birthday", and ImageClass.Anniversary will define the image to be used for all highlights containing the word "Anniversary"). The value of the variable is the file name (with or without path, as discussed below) of the image to be used.

If the image is stored in an "Images" directory found in the same directory as the FWCalendar.rexx macro, then only the image's file name need be given. If the image is stored elsewhere, then the image's full path and file name must be given.

For an image (found in the "Images" directory in the same directory as FWCalendar.rexx) to be used for all birthdays:

```
ImageClass.Birthday = "Birthday.iff"
```

The "Birthday.iff" image will be inserted on all days that have a highlight with the word

"Birthday" in it.

For an image (found in some other directory) to be used for all anniversaries:

```
ImageClass.Anniversary = "WB:IFF/Anniversary.iff"
```

The "WB:IFF/Anniversary.iff" image will be inserted on all days that have a highlight with the word "Anniversary" in it.

Specific Images - Images for specific dates are defined in the lower part of the FWCalendar.data file, below the "/* End Pass One - DO NOT DELETE THIS LINE!!! */" line.

Images can be set for specific dates. The format for specifying image dates is similar to that used for noting highlight dates. Images can be set for fixed or floating dates, and don't require any highlight text to be set for that date. See Highlights for detail about the arguments.

Fixed-date - Images can be set for fixed-date highlights such as Christmas and New Year's Day. The variable format is the same as used for fixed-date highlights, with the keyword "Image" substituted for the highlight's "Highlight" keyword. In the following example, 'Christmas.iff' is the image's file name (used when the image is located in the "Images" directory within the same directory as the one in which FWCalendar.rexx is located).

```
12Image.12.25 = "Christmas.iff"
```

Floating - Images can be set for floating-date highlights such as Mother's Day and Thanksgiving. The variable format is the same as used for floating-date highlights, with the keyword "CalculateImage" substituted for the highlight's "CalculateDate" keyword. In the following example, "WB:IFF/MothersDay.iff" is the image's path and file name (necessary because the image is not located in the "Images" directory within the same directory as the one in which FWCalendar.rexx is located).

```
05CalculateImage(5, "Monday", 14, "WB:IFF/MothersDay.iff")
```

Monthly - Images for monthly events can be included by setting the month equal to 13.

End-of-month - Images for events that always fall on the last day of the month can be included by setting the day equal to 32.

Non-weekend - Images for events that always fall on a weekday can be included by putting an 'N' (if the event will fall on the next weekday) or a 'P' (if the event will fall on the preceeding weekday) after the date. This can be combined with the end-of-month, monthly, and floating-highlight possibilities.

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1.10 Scaleable

SCALEABILITY

FWCalendar is fully scaleable. Just change the margins in the FWCalendar.data file and run the macro; a proportionally scaled new calendar will be generated. There is no need to change font sizes: a calendar rendered to fit in a 7.5" x 10.0" space will look essentially identical to a calendar rendered to fit in a 1.875" x 2.5" space.

The Pagestream version is completely scaleable. Because Pagestream allows fractional font sizes, and font sizes from 1 pt to 50000 pt in 0.001 pt increments, you could theoretically print a 0.79"-high calendar that would look just like a 7.5"-high calendar. Obviously printer limits come into play before Pagestream's font-size limitations.

Final Writer has a lower limit of 4 pt for allowable font sizes, and font sizes must be whole numbers. This limits the vertical size of FW-rendered calendars to no smaller than about 3.125". Although small calendars will appear proportional to larger calendars, the text sizes may be slightly different.

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1.11 SunCalc

SUNCALC

You can add the sunrise and/or sunset times to each day if you have SunCalc by Brian Savage installed. In the FWCalendar.data file, set the variable "SunCalcPath" to the ':' or '/' terminated path of the SunCalc application (do not include the name 'Suncalc' at the end of the path). The settings for SunCalc (the longitude, latitude, timezone, and hour format) are read from the environment variables as described in the SunCalc documentation. If you have the rexxtricks.library installed, FWCalendar.rexx will be able to take into account changes to and from daylight savings time (change the AdjustDST variable if you don't work on DST).

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1.12 Launch

LAUNCH

If you would like to execute a command or launch an application upon FWCalendar completing either a monthly or yearly calendar, then set the LaunchM (to execute a command after completing a monthly calendar) or LaunchY (to execute a command after completing a full-year calendar) variable. You'll want to have an understanding of ARexx to do this, since the LaunchM/LaunchY variable is simply INTERPRETted. Some possibilities might be:

For Final Writer or PageStream, for use with LaunchM only:

```
Start FWCAddEvent.rexx: LaunchM = 'call "'scriptdir'FWCAddEvent.rexx''
```

For Final Writer or PageStream, can be used with LaunchM or LaunchY:

Delete temporary files: LaunchM = 'address command "delete >NIL: "Storage" all
force quiet"' ↵

For Final Writer, can be used with LaunchM or LaunchY:

Save the calendar: LaunchM = 'SAVE'

Import an image: LaunchM = 'INSERT GRAPHIC'

For PageStream, can be used with LaunchM or LaunchY:

Save the calendar: LaunchM = 'SAVEDOCUMENT DEFAULT'

Import an image: LaunchM = 'PLACEGRAPHIC'

Save as a graphic: LaunchM = 'SELECTOBJECT ALL; GROUP; EXPORTGRAPHIC'

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1.13 VariableEditor

Variable Editor

The variable editor is included in the opening requester for FWCalendar.rexx. ↵
Changes made to the

FWCalendar.data file using the variable editor are saved. Should you change any ↵
values in your

FWCalendar.data file, you will need to select the "Reset" button in the variable ↵
editor for the

changes to be read. Note that this will also cause any previous changes made with ↵
the variable

editor to be lost, so it is always best to keep your preferred default values set ↵
in the

FWCalendar.data file.

To speed up rendering, not all variables are included in the variable editor. ↵

Those that are
expected to change from time to time are included, those that are not likely to be ↵
changed or that

should not be changed casually are not included (these can be changed by including them in the FWCalendar.data file). The variable editor itself does not allow the addition of unlisted variables; if you want to add a variable to the cycle gadget of the variable editor, first add the variable to the FWCalendar.data file and then click the "Reset" button on the variable requester.

Both FWCalendar.rexx and FWCAAddEvent.rexx use the same data file for initializing variables, so you should not change the data file between using FWCalendar.rexx and FWCAAddEvent.rexx .

The variable editor allows most user-defined variables to be modified. To change one of the variables, check the gadget or select it in the cycle gadget and enter a new value for it in the text box, as appropriate. Changes to DoExtended could affect the addition of weekly events with FWCAAddEvent.rexx. Since these variables are read from the FWCalendar.data file by FWCAAddEvent.rexx, these variables should be set as defaults in FWCalendar.data.

The options for adding extras (moon phases, julian dates, week numbers, etc.) are mutually exclusive (each extra can be used in one location only). Extras can be added at the top or bottom of any date; if any extras are added at the top of a date, highlights for that date will begin down one line.

If one of the margin gadgets is active, the <TAB> key will cycle through the margin settings. If no gadget is active, the <TAB> key will cycle through the variable list (forward only), and the <RETURN> key will activate the variable-value text box.

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1.14 Test Mode

TEST MODE

I think most of the problems with FWCalendar result from improperly set variables. ←
 This often is a
 result of my using an English version of Final Writer for the programming and ←
 someone else using a
 version specific to a different language.

By default, the Testmode is turned on. This will check the fonts (both Final ←
 Writer and PageStream)
 and the colors (Final Writer only). If a font is reported as not valid, make sure ←
 the font value
 points to a valid font (including the path for Final Writer). If a color is ←
 reported as not valid,
 check to make sure that the color names used match EXACTLY the color names used by ←
 your version of
 Final Writer.

If you don't get any errors, you can delete the TestMode line from FWCalendar.data ←
 (or set it to
 '0').

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1.15 Y2K

Y2K and Dates

I have replaced all Date() function calls (except those asking for the current ←
 date) with
 DateInfo() function calls. DateInfo() is a subroutine I wrote to mimic the ←
 behavior of Date() in
 all ways except that it allows (theoretically) any dates to be used (the Date() ←
 function is limited
 to dates between Jan 1, 1978 and Dec 31, 2099, inclusive).

The routine used to determine a specific date from a serial date was taken from ←
 Astronomical
 Computing, Sky & Telescope, May, 1984. The routine used to determine a serial date ←
 from a specific
 date was taken from PerpetualCalendar.bas that appeared in Astronomical Computing, ←
 Sky & Telescope,
 July, 1985. I do not pretend to have an understanding of how these routines work, ←
 and therefore
 cannot warrant that they are accurate. I do know, however, that Date() and ←
 DateInfo() return

identical results for all options (except option 'C', see below) and all dates for which Date() is valid.

Option 'C' for Date() returns the number of days since Jan 1, 1900, while DateInfo() returns the number of days since the beginning of the millenium in which the date occurs (eg, Jan 1, xx00).

This means that FWCalendar is Y2K compliant, and should be valid for any possible date.

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1.16 Localization

LOCALIZATION

FWCalendar is localized for several languages (currently English, German, Swedish, Italian, Spanish, French, Norsk, and Portugese) by including the proper translations for month names, weekday names, and requester strings in the FWCalendar.data file. Not speaking any of these languages other than English, I relied on help from people using these macros or used the translation utility available from Alta Vista (babelfish.altavista.digital.com/cgi-bin/translate?) to translate the weekdays, months, New Year's Day, and Christmas. Without your help, I have no way of confirming the accuracy of these translations.

In addition to New Year's Day and Christmas, national holidays or celebration days are listed for many countries: America, England, France, Germany, Ireland, Italy, Norway, Scotland, Spain, and Sweden. Much of the information for this area was obtained from The Worldwide Holiday & Festival Site (www.HolidayFestival.com/). I would appreciate your contributions for other countries. Please e-mail me (rgoertz@wsu.edu) the "highlights" for your country and I will update the FWCalendar.data files.

To see the variables that can be localized, look at the variables.

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1.17 Tips & Solutions

TIPS & SOLUTIONS

You are much safer using DoHide = 0 in your .data file rather than DoHide = 1. ↵
 Although this slows
 down the rendering, some versions of PageStream have troubles with getting ↵
 information from hidden
 pages. In addition, the generating calendar WILL NOT be hidden if any other ↵
 PageStream windows are
 open.

Changes made to the FWCalendar.data file using the variable editor are saved. ↵
 Should you change any
 values in your FWCalendar.data file, you will need to select the "Reset" button in ↵
 the variable
 editor for the changes to be read. Note that this will also cause any previous ↵
 changes made with
 the variable editor to be lost, so it is always best to keep your preferred ↵
 default values set in
 the FWCalendar.data file.

Both FWCalendar.rexx and FWCAddEvent.rexx use the same data file for initializing ↵
 variables, so you
 should not change the data file between using FWCalendar.rexx and FWCAddEvent.rexx ↵
 . See notes on
 the variable editor for more details.

If DoShanghai is set, windows which normally open on the WorkBench screen (or your ↵
 default public
 screen) will now open on the Final Writer/PageStream screen until the calendar is ↵
 complete.

If the right edge of the calendar is not printing to paper, adjust the Margin. ↵
 Right setting in the
 variables to a value larger than 0.5 (the default).

If things are looking funny on your calendar (the colors are wrong (specifically, ↵
 if you see a text
 block way up in the upper left corner in tiny print), the wrong fonts are showing ↵
 up, or the font

sizes are wrong) check the FWCalendar.data file to make sure you have the 'Black\$' ←
 and 'White\$' ←
 variables set the way 'Black' and 'White' are reported in the preferences of your ←
 version of Final
 Writer. Thanks to Oliver Molz for helping me figure this one out!

To create a portrait-oriented calendar that only fills the bottom-half of the page ←
 , change the
 Orientation variable to 'Tall' and modify the Margin.Left, Margin.Top, Margin. ←
 Bottom, and
 Margin.Right variables in the FWCalendar.data file.

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1.18 BugReports

BUG REPORTS

If errors are detected by FWCalendar.rexx, you may see a requestor asking you to ←
 add a line
 (DoDebug = 1) to your FWCalendar.data file. Even if you don't get this requester ←
 but are having
 problems generating a calendar, open FWCalendar.data in a text editor and, near ←
 the top, add the
 line:

```
DoDebug = 1
```

This variable will cause certain information to be printed to a file called FWCLog ←
 .txt in your t:
 directory.

When reporting an error, attach copies of all files in t: starting with FWC. Send ←
 a description of
 the problem along with the files to rgoertz@earthlink.net.

Thanks for taking the time to help me improve FWCalendar/FWCAddEvent!

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1.19 Thanks to ...

Thanks to the following for giving me ideas, bug reports, and translation ↵ information:

Don Benson - Debugger extraordinaire	Börje Karlsson
Josh Brehm	Warren Katchmar
Peter Bromer	Dimitris Keletsekis
Carl Butler	Bob Kelly
Marco Cavina	Jürgen Klein
Richard Delzenero	Mike McCool
Dámaso Domínguez	Michael Merkel - Lots of help here!
Bill Duxbury	Oliver Molz - Big thanks here!!!
Phyllis Edberg	Truls 'Ozzyl' Osmundsen
Terry Fry	Johann Sam
Pierre Giroux	LeVon Smoker
Robert Goodlett	Will Stanton
Wil Haslup	Jerry Withers
Michael Hendren	Dieter Zimmermann
Vincenzo Iodice	

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1.20 CanYouHelp

Can You Help?

If so, contact me!

Text Sizing:

In the FWCAddEvent.rexx macro, the event text is sized to fit in the allowed space ↵ as determined by the number of days the event spans. Because the user is likely to be using ↵ proportional fonts for rendering text, I can't pre-determine how many text characters will fit in the ↵ allowed space. The

sizing routine, then, involves:

- 1) Rendering the text
- 2) Get the length of the rendered text
- 3) Compare this length to the allowed space
- 4) If the text is too long, drop the last word (move it to the next line)
- 5) Repeat at step one for the remaining text (and then for the remaining lines)

Although this process works, it seems rather cumbersome and time consuming. Do you have any ideas on how to more efficiently fit a line of text into a limited space?

Moon Phases:

The routine I found for determining the phases of the moon seems to be accurate for the new moon and the full moon (within a few minutes) when compared to the moon phase tables available from the US Naval Observatory. My interpolations to come up with the first and last quarters, though, can be off by a day in many cases. Do you know of a fairly simple routine for calculating the four phases of the moon (new moon, first quarter, full moon, third quarter)?

Image Information:

Currently Visage by Magnus Holmgren is used to determine the type, width, and height of the images to be inserted on the calendar. Although Visage is a fine program, it is overkill for the job it's called on to do here. What I need is a small, FAST program that will give something like "ILBM 640x400x8" when passed the argument of an image file. Do you know of one, or can you write one, that will work with datatypes?

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1.21 RecentChanges

Recent Changes

Note especially addition of SunCalcPath, GfxAppPath, DoSunRise, and DoSunSet variables, and deletion of DoSunCalc variable.

See the new values for "extras" variables (DoPhases, DoWeeknumbers, DoSunRise, DoSunSet, etc).

=====

StretchDateW variable - Multiplier used on calculated date-font width to increase or decrease the date-font width.

StretchDateH variable - Multiplier used on calculated date-font height to increase or decrease the date-font height.

=====

BGUI is used for all requesters. bgui.library and rexxbgui.library are REQUIRED. rexxreqtools.library is no longer used.

MUIRexx, Gui4CLI, Beep, and PeekQual are no longer used.

Dates outside the range Jan 1, 1978 - Dec 31, 2099 allowed (see Y2K and Dates).

AddEventRows variable - Indicates the MAXIMUM number of AddEvent text rows to be allowed for each day (the actual usable value is usually one or two less than this). This variable is used in determining the height of the AddEvent text (the larger the value, the smaller the point size of the AddEvent text).

HighlightRows variable - Indicates the MAXIMUM number of Highlight text rows to be allowed for each day (the actual usable value is usually one or two less than this). This variable is used in determining the height of the Highlight text (the larger the value, the smaller the point size of the Highlight text).

DoDebug variable - enables some advanced debugging information to be stored to t:FWCLog.txt.

EventKey variable - designates a hot key for the Event text box in the AddEvent requester.

When using the MUIRexx AddEvent requester, colors can be specified for the boxes of boxed events. This has required a new format for the FWCAAddEvent.data file.

Empty boxes can be added with the AddEvent.rexx macro (the "Box" setting MUST be checked).

BoxColor\$, Reset\$, VarGUITitle\$, EnterDateInfo\$ variables added; MonthOrYear\$, EnterYear\$,

YearSelect\$, EnterMonth\$, MonthSelect\$, MonthUnknown\$ variables removed.

=====

Added ability to insert images on specified days. See the Images section and the DoImages, ImageClass., MaxImgWidth, and MaxImgHeight variables. Note that Visage by Magnus Holmgren is required to insert images. ←

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1.22 History

CALENDAR MACRO HISTORY

- 3.66 20 Sep 99 (see Recent Changes)
 Extras (moonphases, julian days, etc) allowed on top or bottom
 IMPORTANT: SunCalcPath, GfxAppPath, DoSunRise, DoSunSet variables added,
 DoSunCalc variable dropped
 Values of several Do... variables changed
- 3.64 10 Sep 99
 Improved variable editor incorporated in opening requester
 Beep and PeekQual no longer used
 Support for FWCalendarY.data dropped
 Added progress indicator to Final Writer calendars
 Added StretchDateW variable
 Changed StretchDate variable to StretchDateH
 Eliminated need for DoDebug variable (more robust error reporting)
 Automatically adjusts widths of highlights that are too wide
 DoHide now defaults to 0 rather than 1 (will not hide at all unless all
 other PageStream windows are closed)
 Added several locale strings
- 3.62 25 Aug 99
 BGUI is used for all requesters. bgui.library and rexxbgui.library are
 REQUIRED. rexxregtools.library is no longer used.
 MUIRexx and Gui4CLI are no longer used for any requesters
 Improved error reporting (added DoDebug variable)
 Dates outside the range Jan 1, 1978 - Dec 31, 2099 allowed
 Added HighlightRows, Reset\$, VarGUITitle\$, EnterDateInfo\$ variables
 Deleted MonthOrYear\$, EnterYear\$, YearSelect\$, EnterMonth\$, MonthSelect\$,
 and MonthUnknown\$ variables

-
- 3.60 4 Aug 99
Added ability to insert images on specified days. See the Images section and the DoImages, ImageClass., MaxImgWidth, and MaxImgHeight variables
- 3.57 26 Jul 99
Took some variables out of the "ListAll" option
- 3.56 25 Jul 99
Added ShiftLMini., ShiftRMini., and ListAll variables
- 3.54 10 Jul 99
Re-worked variables to prevent overlapping
Allowed files to be installed in ANY directory
Renamed AddEvent.rexx to FWCAAddEvent.rexx
Added FinalView variable
Address change
- 3.52 5 May 99
Fixed an overlap of variables preventing Text. strings from working
- 3.50 28 Apr 99
Added DoDateBox variable
Added DoShanghai variable
Fixed one small and one large problem with the Variable Editor
- 3.48 24 Apr 99
Added word wrap for highlights
- 3.46 23 Apr 99
Added DoJulianLeft variable to include days remaining in the year
Internal changes ... hope I didn't mess anything up
- 3.44 22 Apr 99
Oops. Left debugging settings in (result: only December printed in yearly ↵
calendar)
- 3.44 21 Apr 99
Moved reading of margin settings from Final Writer's Layout/Page... ↵
requester to
Final Writers's Layout/Section... requester. Settings in the FWCalendar. ↵
data file
will still override settings in Final Writer
Added a credit line to the calendars
- 3.42 18 Apr 99
Changed behavior of variable editor
- 3.40 17 Apr 99
Added a simple variable editor
- 3.36 14 Apr 99
Fixed a bug that caused monthly events in October to be assigned to January
- 3.35 14 Apr 99
Added ability to include monthly and end-of-month events
Added ability to have weekend-exceptions to events
-

Fixed a bug introduced by the addition of the Easter-date algorithm
(caused the yearly calendar to skip Jan - Mar!)

Fixed a bug that prevented the Moon routine from working on some systems

- 3.32 8 Apr 99
Norsk localization added (thanks Truls!). No changes to the program.
- 3.32 7 Apr 99
Slightly improved routine for drawing moon phases
- 3.30 6 Apr 99
Replaced Easter-date lookup table with an algorithm
Included option to include the phases~of~the~moon (can you help?)
Added DoEaster, DoPhases, MoonRadius, FullIsFilled, and Color.Moon variables
- 3.25 4 Mar 99
Fixed bug when FINALW.1 wasn't the Final Writer port
- 3.20 2 Mar 99
Fixed small DoWeekNumber bug
Added HeaderLoc variable
Added British, Irish, Portugese, and Scottish data files
- 3.15 16 Feb 99
Changed a command to allow macro to work with pre-v 3.4 PageStream
- 3.10 14 Feb 99
Added StretchDate variable
Added Font.Highlight variable (can be different from Font.Date)
Improved French translation file (thanks Pierre!)
Improved print routines to allow both single and double quotes
CAUTION: Calendars created not compatible with pre-v 3.10 FWCAddEvent.rexx
Allowed for the absence of any Highlight data
- 3.05 13 Feb 99
Added Swedish FWCalendar.data file (thanks Börje!)
Added option to include week number
Added text colors for Julian days, weeknumbers, and sunrise/sunset times
Added text prefixes for Julian days, weeknumbers, and sunrise/sunset times
- 3.02 7 Feb 99
Fixed an even smaller bug in TestMode
- 3.01 6 Feb 99
Fixed a small bug in TestMode
- 3.00 1 Feb 99
Extensive re-write - CHECK YOUR VARIABLES!
Start the calendar on any day of the week (eg, Monday, Tuesday, ..., Sunday)
Fully scaleable
Works on Final Writer AND Pagestream
Fully localizable (see localization)
Updated Spanish data file
Added Julian dates
Added sunrise/sunset times (via SunCalc)
Added the ability to launch a program or macro upon completion of the ↔
calendar
-

-
- 2.25 29 Dec 98
Separate data files can be used for Yearly and Monthly calendars
Added 'Orientation' ('Tall' or 'Wide') to variables
Multiple highlights on a single date improved (NO limitations!)
Floating date for Easter determined
Events based on time-after-Easter added (see Installation instructions)
Fixed the part of the Guide explaining how floating dates are calculated
Fixed the entry for calculating Thanksgiving (wrong on a recent upload, ←
though
previously working?)
Fixed the year for mini-calendars printed at the turn of the year (also ←
wrong
on a recent upload, though previously working)
- 2.20 10 Oct 98
Multiple highlights on a single date are now allowed (see Highlights)
- 2.15 Allowed true cancellation of the "Save changes to document?" requestor
Added a TestMode to check the variables in the FWCalendar.data file.
Corrected the order in which user variables are read; resulted in the
proper use of localized values for Black\$ and White\$
If Extended mode is turned off, the empty boxes are no longer drawn
- 2.10 Moved ALL user variables to FWCalendar.data file
Added control over colors for about everything (see variables)
Re-wrote (cleaned up) LOTS of the code
- 2.05 Not a version change, because it's exactly the same as the previous
version 2.05 without my mistake of accidentally commenting out two
essential lines. Do have some updates to the German and Italian
translation (FWCalendar.data) files, though. SORRY!
- 2.05 Deleted my hard-coded margins. Oops!
Canned the Final Writer requestors in favor of Reqtools requestors
Changed the way the upper area (the area with the mini-calendars
and the month name) is calculated to allow for hard-coding margins
(Dieter Zimmermann wanted his calendars to appear on the lower half
of a portrait-oriented page, presumably to allow the addition of a
picture on the upper half. Good idea, Dieter!)
- 2.0 Now 'localized' for American, German, Spanish, French,
Italian, and Portugese
- 1.4 Full-year calendar now fills the full page
Font widths now work
- 1.3 Fixed macro to allow use of a comma for the decimal point
instead of the period
- 1.2 Added box/bold of highlight dates in mini-calendars
Added option to include full year of calendars on a single
page
- 1.1 de-Americanized macro (no longer assumes US Letter paper
and inch units)
-

- 1.01 Corrected default margins
Removed my personal highlights
Set default fonts to more likely locations

1.0 First release

FWCADDEVENT MACRO HISTORY

- 3.64 20 Sep 99
Bug fixes
 - 3.62 6 Sep 99
Automatically adjusts widths of events that are too wide
Added several locale strings
Will only work with FWCalendar.rexx v3.64+ calendars
 - 3.60 25 Aug 99
BGUI is used for all requesters. bgui.library and rexxbgui.library are
REQUIRED. rexxregtools.library is no longer used.
MUIRexx and Gui4CLI are no longer used for any requesters
Improved error reporting (added DoDebug variable)
Allowed specifying boxcolor for boxed highlights
Allowed empty boxes to be created
Added BoxColor\$ string
Added AddEventRows and EventKey variables
FWCADDEVENT.DATA FORMAT CHANGED
 - 3.50 10 Jul 99 (see Recent Changes)
Re-worked variables to prevent overlapping
Allowed files to be installed in ANY directory
Renamed AddEvent.rexx to FWCAAddEvent.rexx
Added EnterStartdate\$, EnterEvent\$, SelectFile\$, and File\$ variables
Allowed pre-defined event files to be used (see Data Files)
Fixed problem of added events creeping down the calendar
 - 3.30 3 Jun 99
Fixed a bug that might cause events to print in the wrong size
 - 3.28 15 May 99
Now PROPERLY reads DoShanghai variable
 - 3.27 14 May 99
Now reads DoShanghai variable
 - 3.25 4 Mar 99
Fixed bug when FINALW.1 wasn't the Final Writer port
 - 3.20 2 Mar 99
Allowed events to be added to the top line
Added TabSub and TabFactor variables
Added an informational requester if neither MUIRexx nor Gui4Cli
can be found
 - 3.15 16 Feb 99
Changed a command to allow macro to work with pre-v 3.4 PageStream
 - 3.10 14 Feb 99
-

Improved print routines to allow both single and double quotes
 CAUTION: Not compatible with pre-v 3.10 FWCalendars

- 3.00 1 Feb 99
 - Fully localizable (see localization)
 - Can use either MUIRexx (recommended) or Gui4Cli
- 2.50 29 Dec 98
 - Fixed some calls that may or may not have caused some people problems
- 2.45 10 Oct 98
 - Modified slightly to work around the fact that on some machines the Gui4Cli routine signalled that it was done before it really was.
- 2.40 Accommodated changes in FWCalendar.data file
- 2.35 Accommodated the upper-area-calculation change made in FWCalendar.rexx macro.
- 2.3 Fixed bug that didn't allow the close gadget to work
 - Now 'localized' for American, German, Spanish, French, Italian, and Portugese
- 2.2 Can now (indirectly) enter the '\$' in events (see User Variables)
- 2.1 Fixed macro to allow use of a comma for the decimal point instead of the period
- 2.0 Now REQUIRES Gui4Cli, but what an improvement!
 - Can enter weekly events
- 1.2 de-Americanized macro (no longer assumes US Letter paper and inch units)
- 1.1 Corrected default margins
 - Set default fonts to more likely locations
 - Added multi-line, auto-breaking, non-boxed events
- 1.0 First release

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1.23 ToDo

Changes I'm considering for when I have time:

Adding S, M, T, ... to the Yearly calendars

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