Year Calendar script

This Scribus script generates a 12-months calendar on one page with following options:

1) You can choose between more than 20 languages (default is English). You may add, change or delete languages in the localization list in this script. Please respect the Python syntax.

2) You can choose your font from the list of fonts available on your system. Please check if all special characters for your language are available in the chosen font! You can change fonts of many items afterwards in the Styles menu (Edit - Styles).

3) Calendar year, start month and week starting day are to be given. Saturdays and Sundays will

be printed in separate colors (many colors can be changed afterwards with Edit - Colors and Fills).

4) Option to show week numbers with (or without) a week numbers heading in your local language. Calendar week numbers will be printed in dark gray.

5) Option to import holidays, special days and vacation dates from a 'holidays.txt' file. The 'holidays.txt' file from MonthlyCalendar script can be used here. See the example holiday.txt-file for the layout. Automatic calculation of the holiday dates for each calendar year.

6) Number of months per row determines the layout of the 12-month calendar.

7) You can position the 12-month calendar within your document.

8) Option to draw an empty image frame within the top and / or left 'offset' area and to get an 'inner' margin between this frame and the calendar.

9) Option to generate a text frame at the bottom with the holiday dates and texts.

10) You can easily change the text styles, colors and fills of month title, weekday names, week numbers, weekends, holidays, normal dates, special dates, vacation and grids.

Many build-in controls. Parts of this script are taken from the MonthlyCalendar script for Scribus.

Some calendars made with this script:

The holidays.txt file

You can enter holidays (or other special days or days to be marked as 'vacation') in an 'holidays.txt'-file with one of the following formats:

1) <u>Fixed dates</u>: These are entered as follows:
fixed,1,1,,New Year's Day,1
fixed,10,28,,Mom's birthday,0
fixed,7,1,,start of summer vacation,
fixed,7,2,,,
fixed,12,25,,Christmas Day,1
The line starts with 'fixed', followed by a month figure and a day figure, an empty position, a text (or no text) and the figure 1 or 0 or nothing (all separated by comma's). Here you can put special days texts like birthdays to be printed. The <u>date</u> will be printed as 'Holiday'-color (default is red) if the ending figure is '1' and in the 'specialDate'-color (default is middle gray) if it is '0'. When the ending number is omitted, the date is printed in the 'Vacation'-color and the cel is filled with the 'Vacation'-fill-color.

2) <u>nth weekday of month</u>: the holiday will be assigned to the nth occurrence of a certain weekday in the given month:
nWDOM,1,0,3,Martin Luther King Jr. Day,1
nWDOM,5,0,0,Memorial Day,1
nWDOM,11,3,4,Thanksgiving Day,1
Here the line begins with 'nWDOM', followed by the month figure and a weekday number (Monday=0, Tuesday=1, etc..). The next position represents the nth occurrence of this day in the given month (take 0 for the last). Then we put the holiday text and the color code.
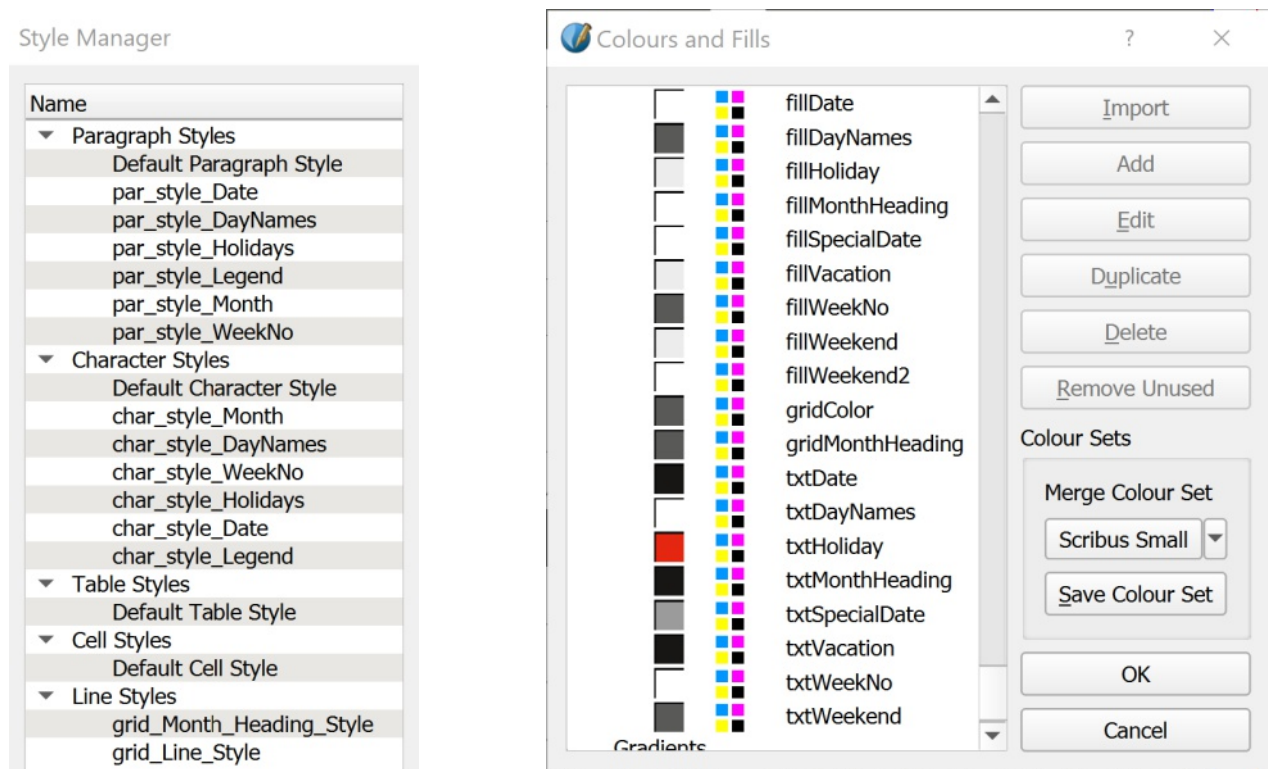
3) <u>Variable holidays</u> (referring to Easter):
variable,easter,-2,,Good Friday,1
variable,easter,0,,Easter Sunday,0
variable,easter,50,,Whit Monday,1
variable,easterO,0,,Orthodox Easter Sunday,0
'variable' followed by the calculation base 'easter' (or 'easterO' for Orthodox Easter calculation), the number of days from Easter, an empty position, a text with the holiday description and the figure 1 or 0 for the color.

Note: If your holidays do not follow one of the above calculation methods, you have to give them in as 'fixed' and make an 'holidays.txt' file for each calendar year.

Overview of the changable styles and colors

Some tips and troubleshooting

1) <u>Be patient</u>, generating a year calendar can take several minutes! (See progress on the status bar on the bottom right corner and wait until 100% <u>has disappeared</u>).

2) You can convert an image frame to a text frame if needed.

3) Choose your favourite font in the script menu and change the fonts in the character styles afterwards. Do not forget each cell is individually editable.