der tog far Python

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der tog far Python is a Jewish Calendar program running under the

Python 3 interpreter.

It has a graphical user interface based on the Tkinter library.

Getting started

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Before starting the program, make sure that the following

external Python Libraries required by der tog far Python

are installed:

- Pmw Python megawidgets

- Pillow

To check if they are installed, enter

pip list

If a line containing the string "Pillow" or "Pmw" is displayed, the respective

library is already installed.

You can install them e.g. with the commands

pip install Pillow

pip install Pmw

der tog far Python can be started by entering

python cal.pyw

Configuring the program

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First, the configuration should be checked and adapted.

In the menu "Calendar", the following configuration can be changed:

- "Preferences..."

Setting Diaspora or Israel custom for readings/holidays,

the time format (12 hour with AM/PM or 24 hour) and

location for times calculation

- "Candle Lighting/Havdalah..."

Configuring calculation methods for candle lighting and

havdalah for Shabbat

- "DST Settings..."

Configuring rule for considering Daylight Savings Time

- "Zmanim..."

Configuring calculation methods for Zmanim

Operating the program

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With the left and right arrow keys, the previous or next

month is viewed.

By clicking on a day, that day is selected for viewing its

Zmanim.

Adapting the displayed strings in the month calendar view

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The file customnames.py contains the names of the weekdays,

months, torah sections as well as a method for retrieving

the string for the omer count.

The file holidays.py contains the strings of the holidays.

These strings can be adapted by the user by editing them.

Hint: If saving the Python source file in the UTF-8 charset

and adding the line

# -\*- coding: utf-8 -\*-

at the top of the file, any letters in the Unicode charset

can be used, e.g. Hebrew.

Customizing the font sizes of the displayed strings in the

month calendar view

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The file customfonts.py contains the names and sizes of

the fonts for the various elements of the month calendar

view.

For changing the font size, you can either change the

value of the "size=" attribute or adjust the value in "addsize".

The value in "addsize" is added to the default values so

that all fonts are made larger in the same way automatically.

The if-statement distinguishes between Windows ("nt") or

Unix ("posix") systems.

Contact

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