The ICONW Package

This is a package of functions for building "icon" windows with arbitrary shapes. They can be used as icons for shrinking windows, etc.

Creating Icons

    (ICONW Image Mask Position NoOpenFlg)

Creates a window at `Position` (or prompts for one if `Position` is `NIL`). The window will be filled with `Image`, as cookie-cut by `Mask`. With `Mask` set up as a copy of Image with the enclosed regions filled with balsk, the icon window looks like it's the same shape as `Image`. If `NoOpenFlg` is `T`, the window won't be opened.

There is also a provision for "titled" icons icon windows with user-specified text in them. One starts with a template, which tells how to build a specific instance of a `TitledIcon`. To create a `TitledIcon` template, do this:

    (create TITLEDICON ICON_youricon MASK_yourmask TITLEREG_Region)

where `Region` is a `Region` within the icon (in *icon-relative* coordinates) which can be filled with text.

To actually create a titled icon window,

    (TITLEDICONW IconTemplate Text Font Position NoOpenFlg Just)

`IconTemplate` is one of the things created above, `Text` is the text to be printed into the icon, and `Font` the font to print it in (default is `Helvetica 10`). `Position` and `NoOpenFlg` are more or less as above. `TITLEDICONW` will split the text into lines automatically (at word boundaries), or you can insert CR's yourself. The text is drawn in `PAINT` mode, so it can come close to lines in the icon image. Normally, each line of the text will be centered, and the whole text will be flush against the top of the message region. You can change this using the `Just` argument. It is either an atom or a list of atoms; any of TOP, BOTTOM, LEFT and RIGHT are allowed, and have the obvious effect on the positioning of the message.

Attaching an Icon to a Window

    (WINDOWPROP YourWindow 'ICONWINDOW Iconw)

A Collection of Stock Icons

    The file <LispUsers>StockIcons contains a collection of icons that I've
used in various places; use them as examples, or feel free to re-use them.
Nominations for new members of the collection are welcome! Here's a list
of the current contents:

FOLDER A file folder

FOLDERMASK The mask for FOLDER.

PAPERICON A sheet of paper with the top right corner turned

PAPERICONMASK its mask.

FILEDRAWER The front of a file drawer

GYPSY.FILEDRAWERMASK its mask

ENVELOPEICON An envelope

ENVELOPEMASK its mask

TITLED.FILEDRAWER A TitledIcon of the file drawer front (Capacity, about 3 lines of 10 pt. text)

TITLED.FILEFOLDER A TitledIcon of the file folder (Capacity, about 3 lines of 10 pt. text)

TITLED.ENVELOPE A TitledIcon of the envelope (Capacity, one short line of 10 pt. text).