Software Gadgetry

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Vol. 3 - "tsWxGTUI" Toolkit

Rev. 0.0.1 (Pre-Alpha)

Author(s): Richard S. Gordon



TeamSTARS "tsWxGTUI_PyVx" Toolkit

with Python™ 2x & Python™ 3x based

Command Line Interface (CLI)

and "Curses"-based "wxPython"-style
Graphical-Text User Interface (GUI)

Get that cross-platform, pixel-mode "wxPython" feeling on character-mode 8-/16-color (xterm-family) and non-color (vt100-family) terminals and terminal emulators.

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nCurses character-mode Terminal Control Library for
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   "tsWxGraphicalTextUserInterface.py":
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SLOCCount 2.26 Source Lines Of Code Algorithm from
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```
terminalsize (https://gist.github.com/jtriley/1108174)
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Script to Remove Comments/Docstrings
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1.4 NOTICES

#-----#"Time-stamp: <06/01/2015 7:35:28 AM rsg>"
#-----

=========== File: NOTICES.txt ===========

+---+

TeamSTARS "tsWxGTUI_PyVx" Toolkit

| ts | Wx | with Python 2x & Python 3x based

+---+

Command Line Interface (CLI)

| G T U I | and "Curses"-based "wxPython"-style,

+----+

Graphical-Text User Interface (GUI)

Get that cross-platform, pixel-mode "wxPython" feeling on character-mode 8-/16-color (xterm-family) & non-color (vt100-family) terminals and terminal emulators.

You can find this and other plain-text files in the Toolkit subdirectory named:

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2 NOTES

2.1 Splash Screen Designer's Guide

A splash screen is an optional image that appears while a program is loading. Splash screens may cover the entire screen or simply a rectangle near the center of the screen.

The "tsWxGTUI_PyVx" Toolkit's original Author's guidelines demonstrate how one might allocate the available display area to the applicable trademark, copyright, license, warranty and disclaimer.

```
##-----#"Time-stamp: <06/01/2015 7:48:18 AM rsg>"
====== File: README-SplashScreenDesignersGuide.txt =======
  +---+ TeamSTARS "tsWxGTUI PyVx" Toolkit
  | ts | Wx | with Python 2x \ \overline{\&} Python 3x based
  +---+
                 Command Line Interface (CLI)
  | G T U I | and "Curses"-based "wxPython"-style,
                    Graphical-Text User Interface (GUI)
  Get that cross-platform, pixel-mode "wxPython" feeling
  on character-mode 8-/16-color (xterm-family) & non-color
   (vt100-family) terminals and terminal emulators.
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  <Your Working Repository>
   (e.g. "Technical Preview")
    +-- ["Notebooks"]
          +-- ["Engineering-Documents"]
                +-- ["MS-Excel-Files"]
                      +-- "SplashScreenDesignerGuide.xls"
    +-- "MANIFEST TREE.txt"
============= TABLE OF CONTENTS ===============
```

1. Sample Layout

```
2. Layout Procdure
1. Sample Layout
    1.1 For "abundant" screen size (60+ column x 42+ row)
       displays:
       a. Trademark (60+ column x 10 row)
       b. Copyright (60+ column x 18 row)
       c. License
                 (60 + column \times 14 row)
    1.2 For "usable" screen size (60+ column x 32+ row)
       displays:
       a. Copyright (60+ column x 18 row)
       b. License (60 + \text{column x } 14 \text{ row})
    1.3 For "minimal" screen size (60+ column x 6 row)
       displays:
       a. Notice (60+ column x 6 row)
    1.4 For" unusable" screen size (59- column x 5- row)
       displays:
       a. Program error log file.(59- column x 4- row)
                         3
                  2
                                   4
  012345678901234567890123456789012345678901234567890123456789
  0
   +---+ TeamSTARS "tsWxGTUI PyVx" Toolkit
 1
    | ts | Wx | with Python-based
 2
    +---+
                    Command Line Interface (CLI)
   | G T U I | and "wxPython"-style, "nCurses"-based
    +----+
                    Graphical-Text User Interface (GUI)
 7
   Get that cross-platform, pixel-mode "wxPython" feeling
    on character-mode terminals and terminal emulators.
                            3
                                    4
  012345678901234567890123456789012345678901234567890123456789
  0
       "tsWxGTUI PyVx", v0.0.0 (pre-alpha build 11/28/2014)
 1
       Author(s): Richard S. Gordon
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```
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 3
     "./tsWxGTUI PyVx/tsDocCLIUsageTermsAndConditions"
 5
     directory.
2. Layout Procdure
  2.1 For each developer-sandbox and site package:
  2.2 Find file "tsCxGlobals" and Update to reflect recent
      changes to authors, credits, licenses, and notices
      associated with any enhancements and bug fixes.
      HINT:
```

Locations should appear in "MANIFEST TREE.txt"

2.3 Find and run file "test_TermsAndConditions.py"
HINT:

Locations should appear in "MANIFEST TREE.txt"

- 2.4 Update file "test TermsAndConditions.xls"
- 2.5 Repeat steps 2.2-2.5 for next developer-sandbox and site_package until the required information is both aesthetically pleasing and fits the associated category of display screen size.

============ End-Of-File =================