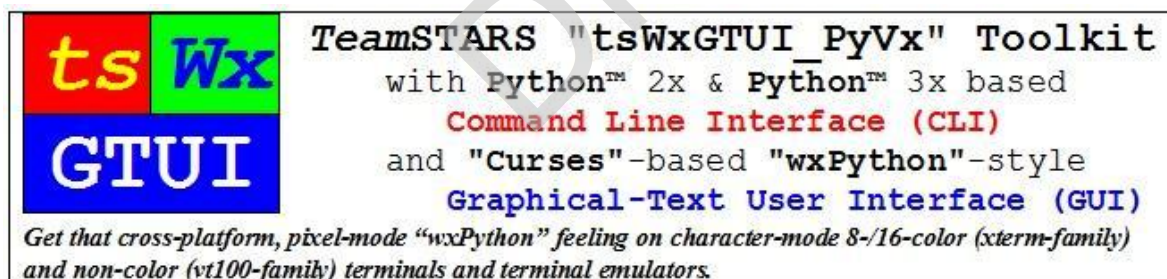**Software Gadgetry**

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Vol. 3 - "tsWxGTUI_PyVx" Toolkit

Rev. 0.0.6 (Pre-Alpha)

Author(s): Richard S. Gordon

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terminalsize (https://gist.github.com/jtriley/1108174)
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   accompanied by a written offer, valid for at least
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   parts or customer support for that product model, to
   give anyone who possesses the object code either (1) a
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   source, or (2) access to copy the Corresponding Source
   from a network server at no charge.

c) Convey individual copies of the object code with a
   copy of the written offer to provide the Corresponding
   Source. This alternative is allowed only occasionally
   and noncommercially, and only if you received the
   object code with such an offer, in accord with sub-
   section 6b.

d) Convey the object code by offering access from a
   designated place (gratis or for a charge), and offer
   equivalent access to the Corresponding Source in the
   same way through the same place at no further charge.
   You need not require recipients to copy the Cor-
   responding Source along with the object code. If the
   place to copy the object code is a network server, the
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(operated by you or a third party) that supports equi-
valent copying facilities, provided you maintain clear
directions next to the object code saying where to
find the Corresponding Source. Regardless of what
server hosts the Corresponding Source, you remain
obligated to ensure that it is available for as long
as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmis-
   sion, provided you inform other peers where the object
   code and Corresponding Source of the work are being
   offered to the general public at no charge under sub-
   section 6d.

A separable portion of the object code, whose source code
is excluded from the Corresponding Source as a System
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```
**********************************************************
*   The official version, README,v 1.23 2006/04/22, of *
*     <http://ftp.gnu.org/pub/gnu/ncurses>              *
*   is available in plain text format.                  *
*                                                       *
*   The plain text version was edited so as to fit      *
*   within the 60-column page format adopted for the    *
*   "tsWxGTUI" Toolkit user documention that is pre-    *
*   pared with Microsoft Word and converted to PDF      *
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*   tentional.                                          *
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```
*********************************************************
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*   is available in plain text format.                  *
*                                                       *
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*   tentional.                                          *
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```

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                            OSI Approved License

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In August 2005, an ambiguity in Clause 2 was removed
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              wxWindows Library Licence, Version 3.1
              =======================================

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1.4 NOTICES

```
#-----------------------------------------------------------
#"Time-stamp: <01/10/2016  5:37:42 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:

        "./<Toolkit Recipient's Repository>/Documents".

        <Your Working Repository>
        (e.g. "tsWxGTUI_PyVx_Repository")
          |
          |
        +-- ["Documents"]

==================== TABLE OF CONTENTS ====================

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    2. License Notice

==================== Copyright Notice ====================

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```

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

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: <01/10/2016  5:52:32 AM rsg>"
#----------------------------------------------------------

======== File: README-SplashScreenDesignersGuide.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.

    <Your Working Repository>
    (e.g. "tsWxGTUI_PyVx_Repository")
      |
     +-- ["Documents"]
      |
     +-- ["ManPages"]
      |
     +-- ["Notebooks"]
      |      |
      |     +-- ["DeveloperNotebook"]
      |      |
      |     +-- ["EngineeringNotebook"]
      |      |     |
      |      |    +-- ["MS-Excel-Files"]
      |      |          |
      |      |         +-- "SplashScreenDesignerGuide.xls"
      |      |
      |     +-- ["ProjectNotebook"]
      |      |     |
      |      |    +-- "PROJECT-01-Title_Page.txt"
```

```
|     |      +-- "PROJECT-02-Table_Of_Contents.txt"
|     |      +-- "PROJECT-03-Purpose.txt"
|     |      +-- "PROJECT-04-Goals.txt"
|     |      +-- "PROJECT-05-Non-Goals.txt"
|     |      +-- "PROJECT-06-Design_Strategy.txt"
|     |      +-- "PROJECT-07-Design_Architecture.txt"
|     |      +-- "PROJECT-08-Release_Strategy.txt"
|     |      +-- "PROJECT-09-Software_Configuration_Management.txt"
|     |      +-- "PROJECT-10-Software_Repository.txt"
|     |      +-- "PROJECT-11-Features.txt"
|     |      +-- "PROJECT-12-Capabilities.txt"
|     |      +-- "PROJECT-13-Limitations.txt"
|     |      +-- "PROJECT-14-Reference_Documents.txt"
|     |      +-- "PROJECT-15-Built-in_Documentation_Symbols.txt"
|     |      +-- "PROJECT-16-Applicaion_Launch_Modules.txt"
|     |      +-- "PROJECT-17-Directory_and_Import_Guide.txt"
|     |      +-- "PROJECT-18-Site-Package_Install_Guide.txt"
|     |      +-- "PROJECT-19-Developer-Sandbox_Install_Guide.txt"
|     |      +-- "PROJECT-20-Splash_Screen_Guide.txt"
|     |      |
|     |      +-- "README5-ProjectNotebook.txt"
|     |
|     +-- "README5-Notebooks.txt"
|
+-- ["SourceDistributions"]
|
+-- "README.txt"
```

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========================= JARGON =========================

1. Jargon

   * Splash Screen --- a graphical control element consist-
     ing of window containing an image, a logo and the cur-
     rent version of the software. A splash screen usually
     appears while a program is launching. Splash screens
     may cover the entire screen, or simply a rectangle
     near the center of the screen.

     The Splash Screen enabling or disabling is an option
     within ./tsLibGUI/tsWxGlobals.py.

     The Splash Screen is constructed and displayed by
     ./tsLibGUI/tsWxGraphicalTextUserInterface.py.

   * Masthead --- a statement printed in all issues of a
     newspaper, magazine, or the like, usually on the
     editorial page, giving the publication's name, the

names of the owner and staff, etc. The contents
are defined within ./tsLibCLI/tsCxGlobals.py.

* Trademark --- a proprietary term that is usually reg-
  istered with the Patent and Trademark Office to assure
  its exclusive use by its owner. It is a distinctive
  mark or feature particularly characteristic of or
  identified with a person or thing. A Masthead could be
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  ./tsLibCLI/tsCxGlobals.py.

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* Notice --- the legal concept describing a requirement
  that a party be aware of legal process affecting their
  rights, obligations or duties. The contents
  are defined within ./tsLibCLI/tsCxGlobals.py.

====================== SAMPLE LAYOUT ======================

2. Sample Layout

    A splash screen is a window with a thin border. It dis-
    plays a "bitmap" (text) describing your application.
    The splash screen is shown during application initial-
    ization. The application then either explicitly de-

```
stroys it or lets it time-out.

2.1 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 x 14 row)

2.2 For "usable" screen size  (60+ column x 32+ row)
    displays:

    a. Copyright (60+ column x 18 row)
    b. License   (60+ column x 14 row)

2.3 For "minimal" screen size  (60+ column x 6 row)
    displays:

    a. Notice    (60+ column x 6 row)

2.4 For" unusable" screen size  (59- column x 5- row)
    displays:

    a. Program error log file.(59- column x 4- row)

          1         2         3         4         5
012345678901234567890123456789012345678901234567890123456789
 ======================== Trademark ========================

0
1   +----+----+  TeamSTARS "tsWxGTUI_PyVx" Toolkit
2   | ts | Wx |     with Python-based
3   +----+----+        Command Line Interface (CLI)
4   | G T U I |    and "wxPython"-style, "nCurses"-based
5   +---------+        Graphical-Text User Interface (GUI)
6
7   Get that cross-platform, pixel-mode "wxPython" feeling
8   on character-mode terminals and terminal emulators.
9

          1         2         3         4         5
012345678901234567890123456789012345678901234567890123456789
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0
1      "tsWxGTUI_PyVx", v0.0.0 (pre-alpha build 11/28/2014)
2
3      Author(s): Richard S. Gordon
4
5      Copyright (c) 2010-2014 Richard S. Gordon,
6                         a.k.a Software Gadgetry
7                          (formerly TeamSTARS),
8                  All rights reserved.
9      GNU General Public License (GPL), Version 3,
10             29 June 2007
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```

```
12                   3 November 2008
13
14      Each third-party component is subject to its
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            1         2         3         4         5
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13


            1         2         3         4         5
  012345678901234567890123456789012345678901234567890123456789
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 2    tion and redistribution of the "tsWxGTUI_PyVx" Toolkit
 3    may be found in the file "NOTICES.txt" located in the
 4    "./tsWxGTUI_PyVx/tsDocCLIUsageTermsAndConditions"
 5    directory.
 6
```

==================== LAYOUT PROCEDURE ====================

3. Layout Procdure

   3.1 For each developer-sandbox and site_package:

   3.2 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"

   3.3 Find and run file "test_TermsAndConditions.py"

       HINT:

```
        Locations should appear in "MANIFEST_TREE.txt"

  3.4 Update file "test_TermsAndConditions.xls"

  3.5 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 cate-
      gory of display screen size.

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