# ScreenTab

Michael Link

| COLLABORATORS | | | |
|---|---|---|---|
| | *TITLE* :<br><br>ScreenTab | | |
| *ACTION* | *NAME* | *DATE* | *SIGNATURE* |
| WRITTEN BY | Michael Link | February 12, 2023 | |

| REVISION HISTORY | | | |
|---|---|---|---|
| NUMBER | DATE | DESCRIPTION | NAME |
| | | | |

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# Chapter 1

# ScreenTab

## 1.1   ScreenTab documentation

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

S C R E E N T A B

Version~1.32
                                    © 1994, 1995 by Michael Link

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

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## 1.2  QUICKSTART

0. QUICKSTART

For all, who like to test ScreenTab at once, here are the necessary steps. If
you're ready, please read the whole documentation !

1. Double-Click on "ScreenTab"

2. Start another program which opens a screen (e.g. DirOpus ...)

3. Press the 'Left-Amiga'- and the 'Tabulator'-Key and hold them.
   -> in the middle of the foremost screen appears the ScreenTab-
      Window with the title of the next screen

4. Still holding the 'Left-Amiga'-Key, you can choose the screen by

```
   pressing the 'Tab'-Key several times.

5. Release the 'Left-Amiga'-Key.
   -> Screen comes to front

6. :-)
```

## 1.3  Motivation

```
1.1. Motivation
```

```
Although I am a fan of the Amiga computers, I have to work with DOS and
Windoze :^( at school. You all know that they have their very 'special
features' like crypted INI-Files, 8-character file names, cooperative
multi-tasking ... ;-].
```

```
But when you work with Windoze, one (real) feature is very useful: You can
switch between the applications by pressing 'Alt'+'Tab'.
```

```
I missed this feature on the Amiga, so if you have several screens open, you
have to use the 'LAmiga' plus 'N' or 'M' to switch by keyboard or to press the
gadget in the upper right corner of every screen. The same problem exists with
the windows on a screen (mouse grabbing, gadget or key pressing ...).
```

```
That are the reasons why I ported the Windoze-Feature to the Amiga.
```

```
Other features of ScreenTab:

   - choose application names for ugly screen titles
   - automatic window activation
   - usage of the default public-screen
   ...
```

## 1.4  System requirements

```
1.2. System requirements
```

```
You can run ScreenTab on every Amiga which is equipped with Kickstart /
Workbench 2.04 or higher.
```

```
Localisation is supported on OS-Versions equal or higher than 2.1.
```

## 1.5  Enhancements of version 1.32

```
Enhancements of version 1.32
```

```
Only few changes were made, but
```

```
- the ScreenTab window now throws a shadow
```

## 1.6   Installation via Workbench

2.1. Installation from Workbench

If you want to start ScreenTab one time, just double-click on the ScreenTab icon.

If you find it useful, start the English installation script. You will be lead through the installation process by Commodore's installer.

## 1.7   Start via CLI

2.2. Installation via CLI

If you're in the right directory, only type in "run ScreenTab" and it will be started.

Up to now, you can't use parameters to configure ScreenTab. I think it's easier by using the tool-types.

## 1.8   Usage

3.1. Usage

I think, I don't need to explain the main usage of ScreenTab. Just press 'LAmiga'+'Tab' and so on ...

The single feature I want to explain is the Back-Switch-Feature.

This means, when you have activated the ScreenTab-Window with the one of the SWITCHKEY-Combinations, you can roll forward through the titles. But you can also roll back pressing one of the SHIFT-Keys (together with the others).

If you want to abort the process just press another key.

## 1.9   Calling the preferences

4.1. Calling the preferences

You can open the
               preferences~window
                either by pressing the HOTKEY-Combination
(default: 'Ctrl + Alt + S') or by selecting the ScreenTab-Commodity in the Exchange program.

## 1.10  Preferences window

```
          4.2. Preferences window
```

Information

Within the preferences, you can install special application names which will
be shown in the ScreenTab-Window instead of the screen titles.

But why this feature ?

First, many screen titles are very long, e.g. "SuperDuperED © 1994 by H.
Taylor (unregistered Shareware-Version, 23-09-94) ...". So they don't look
very nice in the ScreenTab-Window.

A second reason is, that several programs don't use titles for their screens,
e.g. PPaint, DPaint. So the ScreenTab-Window will be empty if you select these
screens. To avoid this problem, you can use the name of the task, which opened
the screen, instead of the screen title itself.

```
          Outfit~of~the~Prefs-Windows
```

## 1.11  Outfit of the Prefs-Windows

```
        Outfit

    +-----------------------------------------------+
    |
        Project

        Options
                               |
    +-----------------------------------------------+
    |                                               |
    |            Known applications                 |
    | +-------------------------------------+   |
    | |AZap                                 | |   |
    | |Directory Opus                       | |   |
    | |Final Writer                         | |   |
    | |GoldED                               | |   |
    | |PPaint                               | |   |
    | |Scenery Animator                     | |   |
    | |ViewTek-Screen                       | |   |
    | |Workbench                            | |   |
    | |                                     | |   |
    | |                                     |^|   |
    | |                                     |v|   |
    | +-------------------------------------+   |
    |                                               |
    | +----------+  +----------+  +----------+   |
    | |   New    |  |   Edit   |  |  Delete  |   |
    | +----------+  +----------+  +----------+   |
    |                                               |
```

```
         |  +----------+  +----------+  +----------+  |
         |  |   Save   |  |   Hide   |  |   Quit   |  |
         |  +----------+  +----------+  +----------+  |
         |                                           |
         +-------------------------------------------+
```

Meaning of the gadgets


Known applications      if a screen is opened which belongs to one of the
                        listed applications, ScreenTab shows the defined
                        applications name instead of the screen title.
                        Just double-click on an application and you get
                        to the
                 application~definition
                   .

New                     with this button you can enter a new application
                        definition

Edit                    with this button you can change an existing

                 application~definition
                 Delete                     with this button you can delete an  ←
                    application

Save                    if you want to save the changes you have made in
                        the application list, press this button.
                        The prefs-file will then be updated.

Hide                    if you want to leave the preferences without saving
                        the changes to the prefs-file, press this button.
                        This button is quite good for testing different
                        application names or patterns.

Quit                    if you press this button, ScreenTab tries to quit.
                        In some cases, this mightn't be successful, because
                        other programs have patched the intuition functions
                        used by ScreenTab. If this happens, you can only
                        deactivate ScreenTab, but it will stay in memory.


## 1.12  Project-Menu

Project-Menu

Save      if you want to save the changes you have made in the application
          list, press this button. The prefs-file will then be updated.

Load      when you've deleted an application accidentally or you want to
          cancel a change, you can reload the preferences.

About ... some informations about the program and my EMail-Address. Also
          the translator of the used catalog is credited.
```

```
Hide        if you want to leave the preferences without saving the changes
            to the prefs-file, select this option.

Quit        if you select this option, ScreenTab tries to quit. In some
            cases, this mightn't be successful, because other programs have
            patched the intuition functions used by ScreenTab. If this
            happens, you can only deactivate ScreenTab, but it will stay in
            memory.
```

## 1.13   Options-Menu

```
               Options-Menu

Remember last application    When you have several screens open and you use
                             only one application (the others do background
                             things) you have to switch through all
                             applications, when activating ScreenTab.
                             When this option is active, ScreenTab remembers
                             the last application. So when you switch from
                             e.g. DirOpus to Workbench, the first title
                             when you activate ScreenTab the next time will
                             be DirOpus, then Workbench and so on... Try it,
                             it's very useful.


Use only public-screen       Some programs by-pass all the locks of
                             intuition and manipulate their screens anyway.
                             If you use ScreenTab with such programs,
                             it will destroy the contents of the screens.
                             If you activate this option and use ScreenTab,
                             it will use the public-screen for the window.
                             You are referred to the topic
                             "Switch to public-screen" in the

            application~definition
              .

Use background-pattern       If this option is active, the margin of the
                             ScreenTab-Window will be filled with a pattern.
                             It makes the eye orientation easier.
```

## 1.14   Application definition

```
            4.3. Application definition

Outfit

            +----------------------------------------------+
            | Application definition                       |
            +----------------------------------------------+
            |                                              |
            |              Application name                |
            |  +-----------------------------------------+ |
```

```
          |  |Directory Opus                              |  |
          |  +-----------------------------------------+  |
          |                                               |
          |                   Pattern                     |
          |  +--+-----------------------------------+     |
          |  |> | DOPUS.#?                           |  |
          |  +--+-----------------------------------+     |
          |                                               |
          |  O Use screen-title                           |
          |                                               |
          |  O Use task-name                              |
          |                                               |
          |  +-+                                          |
          |  | | Include screen in list                   |
          |  +-+                                          |
          |  +-+                                          |
          |  | | Automatic window activation              |
          |  +-+                                          |
          |  +-+                                          |
          |  | | Switch to public-screen                  |
          |  +-+                                          |
          |  +-+                                          |
          |  | | Show empty window-titles                 |
          |  +-+                                          |
          |                                               |
          |  +----------+              +----------+       |
          |  |    OK    |              |  Cancel  |       |
          |  +----------+              +----------+       |
          |                                               |
          +-----------------------------------------------+
```

Meaning of the gadgets


Application name    This text appears instead of the screen title and in
                    the list window of the
                preferences~window
                 .


Pattern             If a screen is opened, ScreenTab compares the screen
                    title with all existing
                patterns
                 using the AmigaDOS-
                    Conventions. If a pattern matches, its application
                    name will be used.

                    On the left side of this gadget, you can see a further
                    button with a little arrow in it, which points to the
                    right. If you press it, a little window pops up under
                    the gadget, in which the names of the actual opened
                    screens are displayed. Don't forget that the contents
                    of this popup depend on the status of the
                    "Use ..."-Gadget.

                    You can chose one of the proposed names with the left

mouse button or cancel the whole thing with the right.


Use ...              You can use the screen title with the most programs.
                     Only few programs don't define screen titles. But if it
                     happens, it doesn't look good.
                     Therefore you can use the option "Use taskname".
                     Certainly, you must enter a specific pattern for the
                     task name. Please use the above described possibility
                     with the "arrow" gadget, if you aren't sure, what you
                     must put in the pattern-gadget.


Include in list      When you deactivate this option, ScreenTab will skip
                     this screen. It is useful, because many programs open
                     several screens and the user works only with one of
                     them, the others do something in the background.
                     Without this option you would have to switch through
                     all existing screens, the background screens, too.


Automatic window activation
                     If you activate this gadget, ScreenTab remembers the
                     active window of the screen, before it switches to the
                     other. If you come back to this screen, ScreenTab will
                     automatically activate this window.

                     This feature can't be used if you switch to another
                     screen by using the standard-switchkeys !


Switch to public-screen
                     The effect is the same as the "Use only public-screen"-
                     Option in the
                  preferences
                 . But it won't affect all
                     applications, only this special one.


Show empty window-titles
                     Normally, it doesn't make much sense to display windows
                     in the ScreenTab-Window, which have no title. But
                     nevertheless, under special circumstances it can be
                     useful. So activate this option if you're in such a case.


OK                   the definition will be added to the list


Cancel               the definition will not be changed/added


## 1.15  Pattern

4.4. Some information about patterns

For the most programs it is enough to enter the screen-title in the pattern
gadget. But several programs change their titles during execution. The best
example is the Workbench itself, which changes its title at least three times
during the boot process (my experience).

With the AmigaDOS-Patterns you have the ability to catch all the variations of
the titles.

You must pay attention to the following rules:

?         - matches any single character

%         - matches the empty string in choices, e.g. "foo(%|.info)"
            matches "foo" and "foo.info"

#m        - matches zero or more occurences of 'm'

[a-z]     - this character class matches any single character that has
            been specified within the pair of square brackets

'         - the single quotation mark serves as an escape character, so
            you can use characters which are normally reserved for the
            use within patterns, e.g. '#' or '?'

()        - with the brackets you can unite several subsequences of the
            pattern

Examples:

    "A#BC"        ->  "AC", "AbC", "ABbBBC" etc.
    "A??C"        ->  "AxxC", "A12C" etc.
    "A#?C"        ->  "Axyz123C", "AabcdefC" etc.
    "A(B|C)D      ->  "ABD" und "ACD"
    "A[B-D]E      ->  "ABE", "AcE", ...
    "#(AB|CD)E    ->  "ABE", "CDE", "ABABE", "ABCDE", etc.


Due to a better understanding of this topic, I have added some examples out of
my preferences:

1.  For the Workbench-Screen

    If I have counted well, it can get the following titles on bootup:
        - "Workbench Screen"
        - "Amiga Workbench x.xxx.xxx Chip-RAM ..."
        - "Copyright ..."

    With the following pattern you can catch all cases:

    (Copyright#?|(#?|%)Workbench#?)

2.  For Directory-Opus

    For each DirOpus, which is opened, a title will be generated
    like "DOPUS.X", where the X stands for a number starting with
    1.

Therefore the following pattern:

DOPUS.#?

Don't be aware of testing different patterns. When ScreenTab doesn't find a
matching pattern, it uses the normal screen-title.


## 1.16  Tool-Types

4.5. Tool-Types

You can configure ScreenTab with the so called "Tool-Types". They are saved
together with the icon of the program. If you want to change them, just click
once on the icon, then choose the menu item "Icons / Information ..." of the
Workbench menu.

Now the adjustment window opens.

```
Tool-Type       | Meaning                                    | Default-Value
----------------+--------------------------------------------+----------------
CX_PRIORITY     | This value influences the order in which   | 1
                | the commodities get their messages. If it  |
                | is high (about 100), ScreenTab gets the    |
                | messages from Intuition probably at        |
                | first.                                     |
----------------+--------------------------------------------+----------------
CX_POPKEY       | With this key combination you can open     | ctrl alt s
                | the preferences window.                    |
----------------+--------------------------------------------+----------------
TOOLPRI         | With TOOLPRI (don't mix it up with         | 5
                | STARTPRI) you can adjust the task          |
                | priority of ScreenTab. Some programs use   |
                | a higher priority (>0) to get all the      |
                | power and so ScreenTab can't react at      |
                | once, if it has the standard priority of   |
                | 0. So use the default priority of 5. It    |
                | doesn't burden the other tasks.            |
----------------+--------------------------------------------+----------------
STARTPRI        | ScreenTab should be started AFTER ALL      | -120
                | OTHER WBStartup-Components, because the     |
                | WB-Title changes very often during this    |
                | phase. So ScreenTab could get confused     |
                | and the application name for the           |
                | Workbench (if you have one) wouldn't       |
                | appear.                                    |
                | Use a low start priority (about -120)      |
                | and there will be no problems.             |
----------------+--------------------------------------------+----------------
TIMEOUT         | Some applications can cause deadlocks       | 10
                | under special circumstances. ScreenTab     |
                | unlocks this situation automatically       |
                | after a defined time (default : 10 sec.)   |
                | You can adjust this to your own needs by   |
                | entering your timeout value in seconds.    |
----------------+--------------------------------------------+----------------
```

```
USESCREENNOTIFY | ScreenTab uses the ScreenNotify-Library | YES
                | to recognize changes of the Workbench   |
                | resolution. If you don't want to use it, |
                | set this tool-type to NO                 |
----------------+------------------------------------------+----------------
SWITCHKEY       | With this key combination you can switch | LCommand Tab
                | between the screens. You can certainly   |
                | enter another key combination, but don't |
                | use the SHIFT-Keys, because they are     |
                | used for the back-switching.             |
----------------+------------------------------------------+----------------
WINSWITCHKEY    | With this key combination you can switch | LCommand `
                | between the windows of a screen.         |
                | The rest is the same as above.           |
----------------+------------------------------------------+----------------
DEFFONTNAME     | With this tool-type, you can define,     | none
                | which font shall be used, if the         |
                | ScreenTab-Window is to wide for the      |
                | screen. I made good experiences with e.g.|
                | "XHelvetica.font" from the MagicWB by    |
                | Martin Huttenloher.                      |
                | If there's no DEFFONTNAME-Tooltype,      |
                | ScreenTab uses "Topaz/8" as default      |
                | (although this font is relatively wide). |
----------------+------------------------------------------+----------------
DEFFONTHEIGHT   | Here you can put in the wished height of | none
                | the DEFFONT.                             |
```

## 1.17  Important !

4.6. Important !

The ScreenNotify-Library

Since version 1.30, ScreenTab uses the ScreenNotify-Library (which was written
by Stefan "ToolManager" Becker) to recognize changes of the Workbench
resolution. In previous versions, the user had to quit ScreenTab and restart
it.

WARNING: If the ScreenNotify-Library isn't installed or deactivated
         by the Tool-Type, your system can crash when you change
         the resolution of the Workbench.

The complete archive "ScreenNotify1_0.lha" includes source and docu-
mentation of the library and is available on the Aminet in the
directory "util/libs".


The Workbench

Most applications, which open their windows on the Workbench-Screen, also
change their title, when they are active.

So if you want to change the ScreenTab preferences, none of these application
windows should be active if you call the preferences window. Just click on the

Workbench background before you call it.


## 1.18  Credits


```
                    C R E D I T S
                    ~~~~~~~~~~~~~
```


I think the most important thing for a programmer is the feedback for his
released programs.

So when you want to send me

```
    - your pattern definitions
      (IMPORTANT: add the Screen- or Task-Option)
    - Bug-Reports (with version number !)
    - criticism and suggestions to improve ScreenTab
    - CT-catalogs for other languages
    - post cards, greetings, money :-) ...
    - ...
```

please feel free to contact me with the following addresses:

o    EMail : < u193113@uebung2.rz.fh-reutlingen.de >

o    Home address:

```
        Michael Link
        Krummenackerstrasse 171
        73733 Esslingen
        Germany
```

EMAIL preferred !!!


Some special thanks

I wanna thank the following persons and institutions:

o    Manfred Oberbach for his helping suggestions ;)

o    Roland Barthel and Peter 'Piet' Vohmann for beta-testing

o    Martin W. Scott and the other guys for Yak

o    Stefan Becker for ToolManager and ScreenNotify

o    Martin Korndörfer for MagicMenu, Diavolo Backup and the hint

o    Martin Huttenloher for MagicWB

o    Dietmar Eilert for GoldED

o    Marcus Ohlström for MemMinister

o    Ralph Babel for his 'Amiga Guru Book'

o    SAS-Institute for its C-Compiler

o    Marcin Orlowski, Paul Hernik and the other users for many
     useful suggestions

o    for translation work: - Per Olofsson (Sweden, up to V1.30)
                           - Marcin Orlowski (Poland, up to V1.30)
                           - Denis Gounelle (France, V1.30)
                           - David Perret (France, V1.25)
                           - Alessandro Basso (Italy, V1.30)
                           - Francesco Mancuso (Italy, up to V1.25)
                           - Dámaso Domínguez Estévez (Spain, V1.13)
                           - Christian Hoj (Denmark, V1.20)

     If anybody has interest in translating ScreenTab into his own
     language should read the README file in the "Catalogs"-Directory.

and

o    Mike Oldfield for 'The Songs Of Distant Earth' and 'Amarok'


## 1.19  Disclaimer

5.2. Disclaimer

 This software is subject to the "Standard Amiga FD-Software Copyright Note"
 It is FREEWARE as defined in paragraph 4a.
 For more information please read AFD-COPYRIGHT (Version 1 or higher).


## 1.20  History

5.3. ScreenTab History

Version 1.00, Date: 20-Sep-1994
-----------------------------------------------------------------------------

     - first full featured version
     - BUG KILLED IN: Reading the catalog strings


Version 1.01, Date: 21-Sep-1994, Time: 13:14:55
-----------------------------------------------------------------------------

     - for more safety I have created a semaphore, which stops the
       patched functions until the ScreenTab-Window disappears
     - now every key combination can be used for activation of the
       ScreenTab-Window (can be changed in the Tool-Types)


Version 1.02, Date: 22-Sep-1994, Time: 14:32:06

--------------------------------------------------------------------------

    - built in the keyboard shortcuts


Version 1.04, Date: 03-Oct-1994, Time: 19:13:43
--------------------------------------------------------------------------

    - Update to SAS/C 6.51
    - cleaned up the code a little


Version 1.05, Date: 08-Oct-1994, Time: 17:56:04
--------------------------------------------------------------------------

    - GUI now font sensitive


Version 1.06, Date: 09-Oct-1994, Time: 15:23:33
--------------------------------------------------------------------------

    - the list gadget can be controlled by the cursor keys
    - replaced ChangeApplication by Del+Add-Application
    - BUG KILLED IN: Deleting an application
    - the patched functions will now be checked when the user quits
      ScreenTab


Version 1.07, Date: 18-Oct-1994, Time: 21:00:53
--------------------------------------------------------------------------

    - preferences will be read from the ENV:-Directory


Version 1.08, Date: 25-Oct-1994, Time: 14:54:29
--------------------------------------------------------------------------

    - ScreenTab now uses the timer-device to wait for pressing the
      necessary key. Other tasks won't be burdened anymore.
    - improved the taskname handling essentially
    - the name of the task which opened the last screen will be
      displayed in the 'About'-Requester


Version 1.09, Date: 27-Oct-1994, Time: 21:55:01
--------------------------------------------------------------------------

    - BUGS KILLED:
        - LockLayerInfo() replaced by LockLayers()
        - ScreenTab now creates an own port for the timer.device
        - when you changed a pattern and the pattern wasn't OK, the
          whole definition was deleted

    - when a program is started by CLI, ScreenTab uses only the
      program name (without path) for pattern matching

Version 1.10, Date: 28-Oct-1994, Time: 16:58:23
----------------------------------------------------------------------------

    - ActivateWindow() is now patched, too (errors with other programs).


Version 1.11, Date: 30-Oct-1994, Time: 16:40:43
----------------------------------------------------------------------------

    - removed cursor usage in the list gadget (it doesn't make sense,
      because you need special OS3.0-Features to make it useful,
      GetGadgetAttrs() !!!)
    - now it's possible to shut down the preferences with the Exchange
      program


Version 1.12, Date: 13-Nov-1994, Time: 14:14:59
----------------------------------------------------------------------------

    - finally, OpenWindowTags(), OpenWindow() and CloseWindow() are also
      patched, because ScreenTab mustn't be activated during opening or
      closing a window !
    - BUG KILLED:
        - reentered ChangeApplication() from pre-V1.06
    - optimized the code


Version 1.13, Date: 14-Nov-1994, Time: 16:43:56 (AmiNet Release)
----------------------------------------------------------------------------

    - BUGS KILLED:
        - using the screen title only with a pointer instead of a
          pointer to a pointer 8^)
        - preferences window didn't free the whole allocated memory
          (FreeVisualInfo())


Version 1.14, Date: 18-Nov-1994, Time: 19:03:15
----------------------------------------------------------------------------

     - BUG KILLED:
        - some automatic window activators like QMouse couldn't activate
          the window sometimes

     - gadgets will now be disabled if necessary


Version 1.15, Date: 26-Nov-1994, Time: 23:23:55
----------------------------------------------------------------------------

    - BUGS KILLED:
        - when opening the preferences window under 2.x, there always
          occured the "error on opening gadget" (nasty bug ;)
        - Public-Screen wasn't unlocked after quitting the preferences
          (Indication : Marcin Orlowski)

```
Version 1.20, Date: 16-Dec-1994, Time: 21:13:15 (AmiNet Release)
--------------------------------------------------------------------------

     - BUG KILLED:
        - under 2.x, the prefs file couldn't get loaded because of a
          guru (Indication by several users)

     - now back-switching enabled with pressed SHIFT-Key
     - Reworked the GUI
     - new menu "Options":
        - "Remember last application" (Suggestion by several users)
        - "Use only public-screen" (Suggestion : Marcin Orlowski)
          (also possible for single applications)
     - new "Load"-Option to reload preferences
     - preferences are now saved in ENV:-Directory, too
     - double-click in the list gadget opens the application definition
     - if the window is too wide, there will be another try with
       topaz/8 (Suggestion : Marcin Orlowski)
     - gadget for automatic window activation
     - gadget for exclusion of applications (Suggestion : Marcin Orlowski)
     - window will now be centred in every case, also on autoscroll
       screens (but without overscan recognition, sorry, but until now
       I don't know how to get the overscan mode of an existing screen,
       please contact me if you know; Indication : Thomas Kobler)
     - window looks better under 2.x
     - several small changes
     - revised documentation


Version 1.21, Date: 07-Jan-1995, Time: 14:30:14
--------------------------------------------------------------------------

     - if the include gadget isn't active, the other checkboxes are
       disabled
     - optimized the code


Version 1.22, Date: 16-Jan-1995, Time: 15:47:21
--------------------------------------------------------------------------

     - now any other font can be used, when the window is too wide
       for the screen (new tool-types DEFFONTNAME, DEFFONTHEIGHT)
     - the window will now be centered on every screen (overscan, too)


Version 1.23, Date: 21-Jan-1995, Time: 19:19:07
--------------------------------------------------------------------------

     - BUG KILLED:
        - after loading the preferences from the project menu, the
          checkmarks of the options menu weren't corrected

     - new option "Use background-pattern" (looks better, doesn't it ?)
     - size of the window is now resolution sensitive
     - improved automatic window activation
     - added EMail-Address to Info-Requester
     - cleaned up the code
```

```
Version 1.24, Date: 28-Jan-1995, Time: 14:55:45
--------------------------------------------------------------------------

    - BUG KILLED:
        - during cycling, the arriving input-events will be filtered,
          so it shouldn't come to deadlocks anymore
          (Indication : Peter Vohmann)


Version 1.25, Date: 02-May-1995, Time: 18:59:12 (AmiNet Release)
--------------------------------------------------------------------------

    - BUG KILLED:
        - Enforcer-Hit with screens without title (Indication by
          Peter Vohmann)

    - finally, windows-cycling is possible
    - version of language catalog will be checked
    - ScreenTab doesn't start as a background-process anymore (tell
      me anyone, who doesn't use WBStartup !!!)
    - new gadget in the application definition for easier handling
      of the pattern gadget
    - NewLookMenus for 3.x-Users
    - menu shortcuts localized
    - some applications could cause deadlocks with ScreenTab. Now the
      window will be closed after a defined time (default: 10 sec.),
      when there's nothing happening during that time
      (Tool-Type : TIMEOUT)
    - some minor changes
    - recompiled with SAS/C 6.55


Version 1.26, Date: 13-Jun-1995, Time: 18:58:25
--------------------------------------------------------------------------

    - little change in Project-Menu, swapped "About" and "Hide"
      (Suggestion by Marcin Orlowski)
    - error on startup will only be shown, if there was a read failure
      (Suggestion by Timo Nentwig)


Version 1.27, Date: 04-Jul-1995, Time: 19:49:23
--------------------------------------------------------------------------

    - restructuration of the code
    - multiple screen names are now numbered (Suggestion by several
      users)
    - cycling can be stopped by pressing another key than the switch
      keys
    - if the window is too wide, ScreenTab will automatically switch
      to the next screen/window


Version 1.28, Date: 05-Jul-1995, Time: 00:21:31
--------------------------------------------------------------------------
```

```
    - GUI completely reworked (looks equal but code is much shorter)
    - some minor code optimizations


Version 1.29, Date: 06-Jul-1995, Time: 16:23:49
-------------------------------------------------------------------------

    - user can now comfortably choose the basic pattern by using
      a popup gadget (Suggestion by Marcin Orlowski)
    - new catalog string for the translator


Version 1.30, Date: 10-Sep-1995, Time: 16:10:52 (AmiNet-Release)
-------------------------------------------------------------------------

    - BUG KILLED:
        - little bug killed in the key handling routine
        - nasty bug killed which occured with PPaint

    - now support of the ScreenNotify-Library (Suggestion by Paul
      Hernik)
    - ScreenTab now uses overlays, the needed memory is reduced
      about 8 KB
    - ScreenTab can now be forced to quit by sending a
      SIGBREAKF_CTRL_C (important for future versions)


Version 1.31, Date: 29-Sep-1995, Time: 14:03:43
-------------------------------------------------------------------------

    - BUGS KILLED:
        - calculating of the window width
        - reworked the message handling


Version 1.32, Date: 05-Dec-1995, Time: 14:59:37 (AmiNet-Release)
-------------------------------------------------------------------------

    - BUG KILLED:
        - OpenScreen(TagList)-Patches now work correctly (nobody noticed
          it ?!)

    - window throws a shadow
```

## 1.21  Future

```
5.4. Future

If you have suggestions, please mail me !
```