FinalWrapper

NDY's

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	FinalWrapper		
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REVISION HISTORY

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Chapter 1

FinalWrapper

1.1 Hitchhikers guide to FinalWrapper

```
                        ****************
          ******  W r a p p e r  ******
       ***** l                          *****
     *** a                           V    ***
    ** n                              3 **
   * i            FinalWrapper V3.11        . *
  * F                                      0 *
  * -                                    - *
   * .          (c) 1995 by  NDY's        's *
    ** b                              Y **
     *** y                          D ***
       ***** .                    N *****
          ******   (17.10.95)    ******
             ******************
```

What the hell is it?

Requirements

Installation

Known bugs and limitations

How to use the requester

Using the menu

Program history

Coming soon (or later)

The Guru's corner

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Special thanks

```
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```

1.2   What the hell is it?

A Short Overview

FinalWrapper is an Arexx macro for SoftWood's famous word processor Final
Writer. It allows you to create amazing text effects as wrapping text around an
oval or even alongside a spiral line with just a few mouseclicks and keystrokes!

Features:

Easy to use:
- Custom requester with keyboard short-cuts for all gadgets
- Pull down menu for preferences and further options
- On-line AmigaGuide help
- Uses your preferred language (currently English, Italian, German and Danish
  available, OS2.0+!)

Makes full use of all of Final Writer's current text and graphics facilities:
- Oval size can be defined by entering the values or simply selecting an oval
- Text can be entered or taken from the main text or a text block
- Unlimited text length (when using main text)
- Allows any mixture of different text attributes and fonts
- Any type of text flow supported
- Works with rotated ovals

Many options to manipulate the results (all of which can be combined!):
- Spirals with increasing or decreasing radii
- Automatic/custom reduction of character size towards the inside of a spiral
- Auto shadow option
- Use style settings of a piece of text as a pattern for the text to be wrapped
- Option to treat words like characters
- Starting point and arc of wrapping process freely changeable
- Additional effects with rotation of characters
- Several methods to enhance the result (or to create more fancy effects)
- Group oval to wrapped text in different ways

Arexx port to allow creation of more complex effects via other Arexx macros:
- Interactive tutorial
- Wrap text around four ovals at once
- And more. For Arexx programmers it is easy to add new macros

 Click here to look at some demo pictures

(Press Esc after each picture to continue.)

By the way: The macro was reviewed in Amiga Shopper issue 56 by Future
Publishing and rated 90%.
```

## 1.3  Requirements

What is else needed?

Most of the required files are included in this package (and will  be  installed
by  the  Installer  script),  but  there  are  some  that  are  not  freely
redistributable. In  [brackets] you can see where they can be found (they're all
part of Workbench 2.1 or newer).

To run the macro you need...
- Any version of Final Writer
- An Amiga which is capable to run Final Writer (i.e. has at least OS2.0  (V37),
  1.5MB RAM and a harddisk)
- The following libraries installed in your "LIBS:" drawer (all except  the last
  are included):
     rexxmathlib.library
     apig.library
     reqtools.library     | not absolutely
     rexxreqtools.library | necessary, but handy
     rexxsupport.library [Workbench]
- RexxMast, which must be run before the macro of course [Workbench]

To run the Installer script (see
               Installation
               ) you need:
- C:Installer [WB 2.1+ Install disk, Fish Disk 870, Final Writer Disk 1]
- LIBS:version.library [Workbench]
- C:Version [Workbench]

## 1.4  Installation

How to Install

Please note that the macro is Shareware! You may only use it for two weeks, then
you  either have to pay the  share or deinstall the macro (see
               Distribution
                for
details)!

There's a ready made script for the Installer utility which does all the job for
you. (If you want to install it manually, please read
               Requirements
               ).

I suggest you install it to the user menu or the button strip  of  Final  Writer
afterwards!

   Start installation

   Installation in Italian

   Installation in Danish

If you are new to FinalWrapper, you probably want to start  the  tutorial  macro

"FW_Tutorial.rexx" now.


How to Deinstall

 Once it has been installed and you don't want to use it any more (how could this
 be?) or do not want to pay the share and maybe decide to use the free PD version
 instead, you can use the deinstall-script to remove the entire packet.

    Start deinstallation

    Deinstallation in Italian


Getting started as fast as possible...

 This section is for users of previous versions of FinalWrapper  and  people  who
 like  to  try  out  everything  themselves.  Remember  you  can  always  get the
 information you need by simply pressing the
                 Help
                  key.


                 FW 3.x users read this

                 FW 2.x users read this

                 FW 1.x users read this
                  All the others should at least have a look the sections about...

                 ->
                  the most important thing!

                 ->
                  what you have to do before starting the macro

                 ->
                  the requester where the various options are described


## 1.5  New since version 3.x

                 What is new?

 There have been only a few changes since the last version (3.0):


                 ->
                  Rotate: Titlemode

                 ->
                  Join Words: Align left/right
 -> Screen shot for every option with possibility to set the  appropriate  values
    directly in FinalWrapper to try it out yourself
 -> Italian texts and docs (thanks to Emanuele Bolognesi!)
 -> Two new Arexx commands (GETSTYLE/SETSTYLE)

-> Danish texts (thanks to Mads Lie Jensen!) (major change since 3.1)

## 1.6   New since version 2.x

What is new?

Many things have been changed and some amazing new options have  been  added  to
make  FinalWrapper  more  powerful  and  more  friendly  to  use. Since the last
released version (2.12), the size of the macro has more than doubled! I hope you
still like it...

Obviously, the look of the requester has changed somewhat (for the  good,  as  I
think!). Some new functions can be found as well:

->
 Ink

->
 Join words

->
 Pattern from selected text

->
 Zoom

->
 Adjust: Apparent width

->
 Rotate: Delta

Some others have changed their name – every name now  starts  with  a  different
letter  which  is  at  the  same  time  the  keyboard short-cut (some names could
certainly be better - any suggestions to improve this are welcome):

Arc -> Use arc
Size -> Font size
Start -> Begin

You can now enter the oval size and the text  directly  into  some  gadgets  (of
course you can still select an oval/text!):

->
 X

->
 Y

->
 Width

->

```
                Height

            ->
             # of page

            ->
             Text
```

2.1x users: "Draw" has been removed - OK now does the same as Draw did before.

The whole preferences handling has been widely improved and can now be done
using the new
                pull down menu
                 .

A "rescan" is now automatically done every time you have changed the current
paragraph (I've tried to make it as "intelligent" as possible to avoid unwanted
rescanning).

Spirals now look much better (the characters now overlap much less than they
used to).

Arexx programmers amongst you might be interested in the new
                Arexx port
                 .

Note: I first wanted to call the new version FinalWrapper '95 because it took so
long to finish it and it has grown that big :-)

1.7 New since version 1.x

                What is new?

Oh... a big lot! Nearby every byte of the code has changed! Most of the 1.x
users will have used version 1.3 since the following came along with the
improved FinalWrapper 2.x.

- There's now a
                custom requester
                 and a
                pull down menu
                  - You can run the macro more than once without having to reselect ←
                     the oval and
    the text and thus can easily experiment with different settings
- You can abort the drawing process at any time
- You can start the macro from another program than Final Writer
- Spirals now look much better (the characters now overlap much less than they
    used to).
- Arexx programmers amongst you might be interested in the new
                Arexx port
                  - Lots of other things have been improved!

The following options are new:
```

```
                    ->
                     Adjust

                    ->
                     Ink

                    ->
                     Join words

                    ->
                     Pattern from selected text

                    ->
                     Zoom

                    ->
                     Rotate: Delta

                    ->
                     Begin: Absolute
```

In addition, you can now enter the oval size and the text directly into some gadgets (of course you can still select an oval/text!):

```
                    ->
                     X

                    ->
                     Y

                    ->
                     Width

                    ->
                     Height

                    ->
                     # of page

                    ->
                     Text
```

1.8 Known bugs and limitations

Bugs and other insects...

...and how to find your way around them

* Sometimes, when reloading a document created using FinalWrapper, some fonts aren't being displayed correctly but as SoftSans. All passages in the main text that have the same font are written in SoftSans as well, although Final Writer says they were in the appropriate font (check mark in the menu). Till now, I was unable to find the reason of this behaviour; but as it seems, the effect doesn't

appear if all fonts used for wrap texts are also used in the main text – so just insert some spaces in all those fonts at a place where they don't disturb you. As far as I have tested it with Final Writer 3.0, this problem hasn't appeared any more – it only showed sometimes the "Fonts not found" requester and then used the correct fonts when I clicked on OK.

* You'd better not change the document while FinalWrapper is working since this could lead to malfunction (especially when using normal text!).

* If FinalWrapper doesn't respond to your mouse clicks, have a look whether there's an open requester of Final Writer (such as the one that reminds you to save). This could block FinalWrapper when it's waiting for an answer from Final Writer.

* For flat ovals, the results aren't very amazing if the text flows round the tight arcs. Try the various "Adjust" options to improve this.

* If the oval is rotated and the sector size is not about \ensuremath{\pm}360 ↩
   then the created
object may be placed not exactly over the oval (how terrible! ;). If you need it exactly, use "Group: Invisible oval" and it should be OK.

* The on-line help for gadgets doesn't work correctly if the requester was opened on Final Writer's screen and this one and the Workbench have different screen modes. With other Public Screens it works correctly, therefore the reason for this behaviour could be the "illegal" opening of the requester on Final Writer's screen. Drag the Workbench down so that Final Writer's screen appears behind it and the on-line help will work.

* During calculation time, the decimal delimiter is set to period (.) – at any other time it has got your preferred value. This is nearly inevitable (or at least it would slow things down) since Arexx doesn't understand the comma. You may enter the oval coordinates using the comma or the period, as you please, however. The text block preferences are also changed at this time but correctly reset afterwards.

* Does not always work correctly when the document is zoomed while drawing. Try with 100%.

* Titlemode does not produce very good results when used in conjunction with Adjust Width.

Configuration specific problems:

Finally some problems encountered by a few users. I was unable to reproduce these and therefore unable to find a general solution (maybe they're even not FinalWrapper's fault, I don't know), but nevertheless they can be bypassed in a more or less elegant way.

* Problem: You get the following error message (or a similar one) when starting FinalWrapper:

```
 Host environment not found
 in line 68
 <CALL ActivateWindow(win)>
 (errornumer 13)
```

Solution: You have installed a program that loads several Arexx libraries in
your User-startup file. Remove this program (or comment it out with a ";" at the
beginning of the line).

* Problem: The window is opened too small for the gadget texts to be readable
(only happened once, might be due to incompatibility of apig.library with the
Opal Vision graphics board).

Solution: Add the following lines to the very end of the FinalWrapper.rexx file
(with a text editior (like Ed from the Workbench) or Final Writer (save the file
as ASCII or it won't run anymore!)):

```
 TextLength: PROCEDURE
 PARSE ARG x,text,x
 RETURN (Length(text)-1)*8
```

You can increase the "8" in case the window is still too small.

* Problem: FinalWrapper doesn't run properly when ProText is running.

Solution: Don't run ProText and FinalWrapper at the same time :-)

FinalWrapper was created and tested using Final Writer Release 3 (14.12.95,
German version) on an A1200 (OS3.0, 2MB Chip, 8MB Fast, CPU MC68030, FPU 68882,
HD). It should run under OS2.0/2.1 and other hardware configurations as well.
Was also tested with Final Writer Release 1 (21.10.93, German version) and 2
(27.04.94, German version).

Bug reports

 If you find a bug in FinalWrapper that isn't listed above, I would appreciate it
 if you wrote me about it! I'll try to fix the bug as soon as possible, and then
 send you a disk with the new version.

 There's no use writing me about bugs that only occur in pre-3.0 versions, since
 these versions won't be developed any further! Try to reproduce the bug with
 V3.x and if it still exists, write me.

 Use the
                Bug report sheet
                  for bug reports (or write all information on another
 sheet, if you don't want to print it out).

 If you have got an e-mail address, you'll be immediately informed about news.
 Otherwise please allow some delay until a new version is finished!

 Thanks a lot for supporting the development of FinalWrapper!!!

 Note: If you are no registered user, I cannot guarantee to answer your letters,
 unless you include a disk and/or add some money to cover my expenses (and write
 a good excuse why you can't register!). (For registration see
                Distribution
                  .)

1.9 Bug report sheet

```
****************************************************************************
*                     FinalWrapper - Bug Report                           *
*                                                                         *
* Name: _____  First name: _____ *
*                                                                         *
* Address: _____  Post code: _____ *
*                                                                         *
* City: _____  Country: _____ *
*                                                                         *
* Phone: _____  e-Mail: _____   *
*                                                                         *
****************************************************************************
*                                                                         *
* Which version of FinalWrapper are you using? (See window title bar): ___ *
*                                                                         *
* Which version of Final Writer are you using? (See screen title bar): ___ *
*                                                                         *
* If FinalWrapper displayed an error requester, what was the requester saying? *
*                                                                         *
* _____  *
*                                                                         *
* _____  *
*                                                                         *
* What did you do before the error occurred? (Selected objects, text etc.) *
*                                                                         *
* _____  *
*                                                                         *
* _____  *
*                                                                         *
* Other things that could be of importance:                               *
*                                                                         *
* _____  *
*                                                                         *
* _____  *
*                                                                         *
* _____  *
*                                                                         *
* Equipment used: Amiga type _____ CPU: _____ FPU: _____ Kickstart: _____ *
*                                                                         *
* Workbench: ____ Chip RAM (MB): ____ Fast RAM (MB): ____ Harddisk: _____ *
*                                                                         *
* Other hardware: _____  *
*                                                                         *
* Software (tools etc.) running while the error occurred: _____  *
*                                                                         *
* _____  *
*                                                                         *
****************************************************************************
*                                                                         *
* Send the sheet to: Andreas Weiss, Dorfstrasse 24, CH-8212 Nohl (Switzerland) *
*                                                                         *
*              Or e-mail it to: ndys@ezinfo.vmsmail.ethz.ch               *
*                                                                         *
****************************************************************************
```

1.10   How to use the requester

```
          The requester

Having started the macro
          $^1$
          , you'll be prompted a requester where  you  can select
all available options:
```

```
          .
           FinalWrapper 3.1 by NDY's
          [
          ]
           ---------------------------------------------------------------------

          @|  Use arc \textdegree{}: Clockwise

          360

          _/



          25

          @|Spiral %: Outside > inside

          @|   Begin \textdegree{}: Absolute

          0



          100

          @| Font size %: Decreasing

          @|   Rotate \textdegree{}: Absolute

          0



          50

          @|       Zoom %: All

          @|        Delete: Oval only
```

```
                    @|              Ink: From text

                    @|             Group: No

                    @|            Adjust: No

                    @|         Join words: No


              Pattern from selected text
(Inch)  X:

          Y:

          Width:

          Height:

          # of page:
              1
          Text:

          _____


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


           OK


          Cancel
```

The checkbox gadget (the one with the tick) determines whether an ←
option is to
be used (otherwise the default value is used). The cycle gadget (@|...)
specifies the way the options work. Behind the name, you can see the unit in
which the number in the string gadget is measured (% percent/\textdegree{} ←
  degrees). The
entered numbers are automatically limited to a certain range.

The two rows at the bottom allow you to enter the text and the dimensions of the
oval to be used. The word in parentheses indicates the unit of these numbers
(Inch, cm, Pica or ? if unknown).

Every gadget can be activated using a keyboard short-cut. The keys are always
the first character of the option name^2. Pressing this key alone has the ←
   same
effect as clicking on the cycle gadget. If you press the left Shift key in
addition, the checkbox gadget will be toggled. Finally, with the right Shift key
you can activate the string gadget. Note that the keys only work if no string
gadget is activated!

From inside the program, you can use the
              on-line help
                function to get a short
description of a gadget.

There's now a new interactive way of reading this part of the manual: Each
option has a demo screen shot and a short Arexx macro that directly sets the
appropriate options in the FinalWrapper requester. Like that you can see how the

effects can be produced and you can try some variations by your own.

You must have installed FinalWrapper before you can use this feature. (See

> Installation
>).

    Run FinalWrapper

1.11   Note on start-up

Registred version only!

If you start the macro from the Shell (e.g. with "rx FinalWrapper.rexx"), you'll
get an error message (but the macro will run properly):

```
  ENVARC:FinalWrapper/FWKeyfile failed returncode 504068096
        32 *-* ADDRESS COMMAND ''fwkey'';
  +++ Command returned 504068096
```

The numbers may be different. This is not a bug! It's just a big returncode.

Use "Rx >NIL: FinalWrapper.rexx" to suppress the output.

1.12   Note on Danish version

In the Danish translation, some gadgets start with the same character. Therefore
the keyboard shortcut is given in [brackets] when it's not equal to the first
character.

1.13   Use arc

> This option determines the size of the sector to be used. This ←
> allows you to
wrap the text around only a part of the oval.

Options:
- Clockwise: The text will be written clockwise.
- Anticlockwise: Write the text anticlockwise.

Number: (0 to 360, up to 9999 when using

> spirals
>)
 Size of sector in degrees with 360 being the full circle, 180 the half etc.

Default:
 Clockwise, 360 degrees

Key:
 u

View demo picture View demo picture (OS 2.0)
Try it out!

1.14 Begin

With this option you can set the place where the text starts. Normally, it is
centred relative to the top of the oval (when writing clockwise, otherwise
relative to the bottom). You can use this option for instance to use a certain
part of an oval for your text (or just to place the text on a circle at any
position you want).

Options:
- Clockwise: Shift starting position clockwise by Number degrees.
- Anticlockwise: The same, but anticlockwise.
- Absolute: Set absolute begin where 0 is at the bottom of the oval, 90 on the
  right side, 180 at the top etc. (i.e. it's counted anticlockwise).

Number: (0 to 360)
 Absolute or relative offset for the starting position in degrees.

Default:
 Clockwise, 0 degrees

Key:
 b

View demo picture View demo picture (OS 2.0)
Try it out!

1.15 Rotate

Can be used to modify the rotation of the characters. Normally, they are placed
perpendicular to the oval/spiral.

Options:
- Clockwise: Rotate all characters by Number degrees in addition to the normal
  rotation (clockwise, of course).
- Anticlockwise: The same, but anticlockwise.
- Delta clockwise: The first character is rotated as usual, but for the second
  Number degrees are added to the first one's rotation and so on.
- Delta anticlock: The same, but anticlockwise.
- Absolute: All letters are rotated in the same way (i.e. they all look in the
  same direction).
- Like text block: Much the same, but if using a text block, it takes the text
  block's rotation rather than the entered value.
- Titlemode: All characters are drawn horizontally or vertically (depending on
  the rotation they would normally have) but their base lines run along the oval
  (simply try it out!). Only useful with relatively small arcs (up to 90 with
  circles, up to 120 or maybe a little more with ellipses).

Number: (0 to 360)

Absolute or relative offset for the rotation in degrees.

Default:
 Clockwise, 0 degrees

Key:
 r

View demo picture View demo picture (OS 2.0)
Try it out!

Another picture Another picture (OS 2.0)

1.16   Delete

Specifies the objects which are to be deleted. Only selected objects can
be deleted, of course.

Options:
- Oval and text block: Delete oval and text block (if selected).
- Nothing: Neither oval nor text block are deleted. Not deleting the oval slows
  down the drawing process quite a bit (of course only if an oval is selected).
- Copy oval: Copy oval to clipboard before deleting it to allow you to paste it
  again when you need it. The text block is unaffected.
- Oval only: Delete only oval.

Key:
 d

1.17   Group

The option allows you to group the oval to the created object in different ways.

Options:
- Selected oval: Group the selected oval. If no oval was selected, one will be
  created using the default oval colours (and text flow settings).
- Invisible oval: Works equally, but makes the oval invisible before grouping
  it. This is mainly useful if you use a sector of less than 360 and want the
  main text to flow around the full oval.
- No: No grouping.

Key:
 g

1.18   Spiral

                  Makes FinalWrapper generate a spiral instead of an oval.

Options:
- Inside > outside: Starts the spiral with a radius of Number percent of the

original one (i.e. a smaller one). The radius is successively increased until
it reaches it's original size after the text has been wrapped around the given
arc, i.e. it doesn't necessarily get that big if the text ends earlier. E.g.:
if the arc is set to 360 and Number is 50, then the spiral will start with
half the original radii and reach the full ones when a full circle has been
passed. The size of the characters is increased the same way unless
              Font size
                 is specified.
– Outside > inside: The same, but starts with the original radii, making them
  smaller and smaller during progress.

Number: (0 to 100)
 Relation between the small and the big radius of the spiral in percent.

Default:
 Outside > inside, 100 percent (i.e. no spiral)

Key:
 s

View demo picture View demo picture (OS 2.0)
Try it out!

Another picture Another picture (OS 2.0)

1.19   Font size

                 This option is used to successively change the size of the ↩
                   characters.

Options:
– Increasing: The first character is shrunk to Number percent of it's original
  size. The following are successively increased and the last one's size keeps
  unchanged. Set Number to 100 when using a
              spiral
               to avoid any change of the
  size (which is normally automatically done for spirals).
– Decreasing: The same, but the characters' sizes are decreased rather than
  increased

Number: (0 to 100)
 Relation between the original and actual size of the first/last character in
 percent.

Default:
 Decreasing, 100 percent – or: value of Spiral if given

Key:
 f

View demo picture View demo picture (OS 2.0)
Try it out!

1.20 Zoom

The option allows you to change the size of the created object automatically. This is useful since you can't change it's size afterwards. You could also create a smaller shadow for a previously drawn object etc.

Options:
- Height: The height of the oval is stretched to Number percent of the original value (so 200 means doubled height, 50 halve etc.).
- Width: Stretches the width instead of the height.
- All: Stretches both width and height.

Number: (5 to 1000)
 Zoom factor for the oval.

Default:
 All, 100 percent

Key:
 z

View demo picture View demo picture (OS 2.0)
Try it out!

1.21 Ink

This options allows you to modify the colour of the characters or to automatically add a shadow.

Options:
- From text: Takes the colour for the characters directly from the text.
- From oval fill: Change the colour of the whole text to the oval's fill colour.
- From oval border: As above but use oval's border colour.
- Shadow = fill: Simultaneously creates a shadow for the generated object. The shadow's colour is equal to the oval's fill colour and it's placed a little below and to the right of the normal object. The two generated objects are wholly independent, so you can move them around as you want and maybe group them when they are correctly placed.
- Shadow = border: The same with the oval's border colour.

Key:
 i

View demo picture View demo picture (OS 2.0)
Try it out!
(Set textblock colour to blue and oval fill colour to black to get the same! You have to move the shadow a little to have it look good.)

1.22 Adjust

The option provides you with different ways to improve the ←↩
generated effects.

```
Options:
- Character size: Stretches  all  characters  to  avoid  gaps  between  them  or
  squashes them  to avoid  overlapping.  This  can make the created objects much
  better and I strongly recommend to use this for circles. Results in some fancy
  effects when used in conjunction with ellipses!
- Character width: As above, but changes only the width.
- Apparent width: Changes the width and makes narrow characters a bit taller and
  wide ones less  high. Like that, the text seems to have always the same height
  (narrow text looks smaller than wide text). The option is useful for ellipses.
- Arc: Contrary to the above, this one changes the sector size  to  achieve  the
  same goal. Therefore it's only useful  if you don't need a special sector size
  (great in conjunction with the
                Spiral
                 option!). If this  option is used, the

                Use arc
                 option  is  overridden  but  it  still  determines  the  direction ←
                   , the
  starting point (unless
                Begin
                 is used) and it defines the shape of the spirals.
- Nothing: No adjustment is made.

Key:
 a


View demo picture View demo picture (OS 2.0)
Try it out!


Another picture Another picture (OS 2.0)
(Adjust: Character width was used with an elliptic oval.)
```

1.23 Pattern from selected text

```
This  option can simplify your  life  enormously  when  creating  somewhat  more
sophisticated  effects:  It  takes the styles (font, size, colour etc.) from the
selected text and applies them on the whole text, repeating them on and on  till
the end.

E.g.: If two characters were selected and the first one was red  and  the second
one  blue,  then  the  first  character of the wrap text will be red, the second
one blue, the third one red again and so on.

Key:
 p



View demo picture View demo picture (OS 2.0)
(To try this out, enter the text in Final Writer, draw the circle and select the
"Pattern from selected text" and (for the shadow) "Ink: Shadow = border" options
within FinalWrapper.)
```

1.24   Join words

If this option is selected, the words of the text are being kept together and
treated as characters (try it out, it's difficult to explain this in words!).

Options:
- No: Words are treated as normal.
- Centered: The words are centered on the oval line.
- Align left: Words start on the oval line.
- Align right: Words end on the oval line.

Key:
 j

View demo picture View demo picture (OS 2.0)
Try it out!

Another picture Another picture (OS 2.0)

1.25   X

Horizontal (X) position of the oval (i.e. distance to the left margin of the
page) measured in the unit displayed to the left of this line of gadgets.

Key:
 x

1.26   Y

Vertical (Y) position of the oval (i.e. distance to the top of the page)
measured in the unit displayed to the left of this line of gadgets.

Key:
 y

1.27   Width

Width of the oval measured in the unit displayed to the left of this line of
gadgets.

Key:
 w

1.28   Height

Height of the oval measured in the unit displayed to the left of this line of
gadgets.

Key:
 h

1.29 # of page

Number of the page on which the objects are to be drawn. Is automatically
limited to available pages when drawing.

Key:
 #

1.30 Text

Text to be wrapped around the oval. The colour, style etc. for text entered in
this gadget will be taken from the current text block settings.

You can enter up to 200 characters but you can still use a longer text, if you
want: just enter the words in Final Writer and put the cursor in the appropriate
paragraph or select the passage (only the first 200 characters can be found in
the gadget, but the rest will be used all the same till you change the contents
of the gadget).

Key:
 t

1.31 OK

                  Starts the generation of the wrap text.

Before clicking on "OK" for the first time, you have to select an oval plus some
text. This can be done at any time: Before starting the macro or while the
requester is open. It doesn't matter whether this is a text block or a passage
of normal text. If you don't select any text, the current paragraph is used.

You can also enter some text or the oval coordinates or both into the
appropriate gadgets (see
              Requester
).

Normal text has the advantage of enabling the usage of an unlimited number of
characters in different styles, colours, font etc. whereas entered text (up to
200 characters) and text blocks (up to 33 characters) can only have one style
              ^{1}
              .

If the oval is rotated, the wrap text will be rotated as well.

So: Select the text, click on the "mouse-pointer gadget" and select the oval.
Or: Select the text block, press Shift and then click on the oval
              ^{2}

                 .
Or: Place the cursor in the wanted paragraph and select the oval.
Or: Enter oval coordinates and/or text in the appropriate gadgets.

OK starts the drawing process without closing the requester. Therefore you don't
have to wait for the requester to pop up for the next tries. You can select any
new oval, text block or passage of text as usual for further goes. But if you
don't select anything new, the old text/oval, will be reused, resulting in a
shorter calculation time. The macro will automatically rescan the current
paragraph, if it has changed (to be exact: if either the cursor has been moved
to another place or the length of the paragraph has been altered – so make sure
not to move the cursor around, if you don't want to have FinalWrapper scan your
paragraph again!).

While drawing, the window's size is reduced and only the title bar is visible.
You can click on the
              close gadget
               at any time to abort the operation.

Keys:
 o
 Return

1.32   Cancel

              Quits the program. If you've altered any options, these changes ←
                 won't be stored
at all (unlike with the
              close gadget
).

Keys:
 c
 Esc

1.33   Close gadget

If the macro is currently calculating an object, this gadget aborts the process.
At any other time, it quits the program, storing the current settings to memory.

Key:
 Del

1.34   Depth gadget

Brings the window of FW alternately to back and to front as usual. In Final
Wrapper, you have also a keyboard short-cut for this.

Note: If the window isn't brought to front if it was on the back (or vice
versa), just press the key again (this happens if you used the window depth
gadget an odd number of times with the mouse).

Key:
 Backspace

1.35   Zip gadget

Switches between the full and the minimum size of the window.

Key:
 Space

1.36   Note on usage

Currently case, super-/subscript and underline etc. are not supported by
FinalWriter for text blocks.

1.37   Note on usage

Don't select more than one oval or text block. FinalWrapper being unable to
figure out which object you selected first, it will simply take the oval and the
text block with the highest internal number. If you select a text block ←
   ,
highlighted text will be ignored.

1.38   Using the menu

                The menu

The menu allows you to save and load your preferred setting of all options.
Furthermore, some less often used options can be found here.

                Settings

                _/ Gadgets are auto-activated A G

                _/ Adjust arc for spirals   A A

                _/ Window beneath pointer   A W

                _/ Use Final Writer's screen A U

```
          _/ Final Writer Release 3     A F
           ------------------------------

          Load                          A L

          Save                          A S

          Reset                         A R

          Defaults                      A D
           ------------------------------

          Text block preferences        A T

          Oval preferences              A O
           ------------------------------

          Next document                 A N

          Execute Arexx macro...        A E

          Help...                       A H

          About...                      A ?
           From inside the program,  you  can  use  the
          on-line  help
            function  to  get a
short description of any menu item.
```

1.39 Settings

          All settings are automatically stored when leaving the   ←
            macro (except with

          Cancel
). They are not saved to disk, however, they only remain ←
            active until
the next reset.

1.40 Gadgets are auto-activated

If enabled, the string gadget is automatically activated, each time you either
select the checkbox gadget or you change the option in the cycle gadget.

You may want to switch this option off if you're mainly using the keyboard. In
this case the string gadget is never activated unless you want to.

Furthermore, the checkbox gadget is set when you change the cycle gadget or
the value of the string gadget (this is always done).

Key:

```
 Right Amiga + g
```

1.41   Adjust arc for spirals

```
              Automatically select
            Adjust: Arc
             if a
            spiral
             is to be created (this option gives
the best results for spirals).

Key:
 Right Amiga + a
```

1.42   Window beneath pointer

```
Determines, whether the requester should be opened directly  beneath  the  mouse
pointer  or  always at the same place (the position the window had when you last
saved the settings).

Key:
 Right Amiga + w
```

1.43   Use Final Writer's screen

```
              If this option is selected, FinalWrapper will open it's requester ←
                on the  screen
of  Final Writer  (if  started)
            $^1$
            . Otherwise  it  will choose the default Public
Screen
            $^2$
            .

Key:
 Right Amiga + u
```

1.44   Note on unregistred version

```
This is the only option that is not working in the unregistred version. As  soon
as  you  register,  you'll receive a small file that enables this function. This
will also be your personal "key file" containing your user number.
```

1.45   Note on Public Screens

A little bit of theory for non-gurus:

Public Screens - like for instance the Workbench - can be shared amongst
different programs. The program that opened that screen (it's owner as it's
called) cannot close it again before all windows that have been opened by other
programs on that specific screen have been closed. So it's absolutely safe to
open the requester on a public screen.

All other screens - like the one Final Writer uses - are not intended to be used
by other programs than their owners. Opening a window on such a screen is
against the rules and therefore the screen can never be closed again if the
owning program tries to close it before the foreign window (other bad side
effects like a system crash are unlikely but not impossible at all!).

But since it is rather annoying if FinalWrapper uses another screen than Final
Writer, it can be forced to use this screen for it's requester. As long as you
quit the macro before Final Writer, there shouldn't be any problem. If in future
(with a new operating system or a new version of Final Writer) this won't work
any more, you can still switch this option off (start the macro from the Shell
or the Workbench while Final Writer doesn't run, or change Final Writer's
preferences so that it runs on the Workbench, toggle the option and save the
settings).

1.46   Final Writer Release 3

You need to select this option if you are using Final Writer Release 3 (and
above). With this release, some of the Arexx commands have changed their
behaviour a little and therefore FinalWrapper has to adjust itself to this.

(To work with Final Writer 3.0, FW has to send a "Redraw" command after every
drawn character - this slows down the whole calculation :-{ - but the code has
also been optimized a bit and therefore isn't that much slower :-}. Furthermore,
the handling of text blocks has changed a bit to ensure the characters are
correctly placed on the oval.

SoftWood told me that this was a bug in Final Writer 3 that has been fixed now.
If your version of Final Writer is dated January 3, 1995 or later, you can try
to switch this option off for faster execution. The characters will be placed
slightly wrong but this won't be of importance in most cases. My version being
older, I was unable to try it out myself...)

Don't select this option if you are still using an earlier release of Final
Writer - it will work, but slower and the characters won't be placed exactly
over the oval.

Key:
 Right Amiga + f

1.47   Load settings

Loads the settings stored on disk (i.e. from ENVARC:). Use this if you have
changed the settings and want to get your favourite ones back.

```
Key:
 Right Amiga + l
```

1.48   Save settings

Saves all current settings to disk (to ENVARC:). They will be still active if
you use FinalWrapper again after a reboot or after switching off your Amiga.

```
Key:
 Right Amiga + s
```

1.49   Reset settings

Resets all settings to the state when you started FinalWrapper for the last time
(i.e. it reads them from ENV:).

```
Key:
 Right Amiga + r
```

1.50   Defaults

Resets all settings to FinalWrapper's built in defaults.

```
Key:
 Right Amiga + d
```

1.51   Text block preferences

Allows you to open Final Writers text block preferences requester without having
to activate the document window.

```
Key:
 Right Amiga + t
```

1.52   Oval preferences

Allows you to open Final Writers oval preferences requester without having to
activate the document window.

```
Key:
 Right Amiga + o
```

1.53   Next document

Selects the next Final Writer document. This one will be used by FinalWrapper
from now on. The name of the document will be displayed in FW's window title and
the document window will be brought to front.

Key:
 Right Amiga + n

1.54   Execute Arexx macro

Displays a file requester where you can select an Arexx macro to be executed.
This allows you to run FinalWrapper related Arexx macros (mostly beginning with
"FW_...") with ease. (You can run the macros also from Final Writer or from the
Shell, of course!)

The function needs the "Rx" command (usually located on your Workbench) and the
(rexx)reqtools.library (are installed by the FinalWrapper Installer script) to
work.

Key:
 Right Amiga + e

The following macros are currently included:

FW_Tutorial.rexx
An interactive tutorial to FinalWrapper.

FW_CloseWindow.rexx
Tries to force FinalWrapper to exit. If this doesn't succeed, it closes the
window. In this case, FinalWrapper can't be started any more before the next
reset. Use this macro if FinalWrapper has crashed or can't be quit with the
Cancel or close gadget.

FW_ColourCycle.rexx
Creates a series of wrap texts with alternating colours. You should use a
different colour for oval fill and border and for the text.

FW_MultiOval.rexx
Wraps a text around four ovals at once.

1.55   Help

                   Displays the contents page of the help file used for the
                 on-line help
                   .

Key:
 Right Amiga + h

1.56 About

Shows some program information and the address of the author.

Key:
 Right Amiga + ?

1.57 On-line help

                Need help?

If you want to know something about a gadget or a menu item, just press the Help
key
- while a menu item is highlighted to get information about that item
- while the menu title is selected for information about the menu
- while the mouse pointer is above a gadget for information about the gadget
- at any other time to get information about the requester.

 You can also use the
                Help
                  menu item to view the contents page of the help file.

1.58 Program history

Program history

 (The a, b, c etc. versions were not released, beta (ß) and gamma (y) versions
only given to testers.)

 Upper case letters signify major or important changes, lower case minor ones:

 N: New feature added
 E: Enhanced old feature
 I: Internal change
 U: Change of usage
 B: Bugfix
 *: Bug that already existed in a previous release version (i.e. no ß/y)

 1.0 (24.02.94) N: Initial Release
 1.1a (06.03.94) n: Changed name from Wrap to FinalWrapper
                  i: Corrected version string
                  N: Use normal text for long texts and different styles
                  e: Text flow now taken from the oval not the standard text block
                  n: Delete option
                  I: Separate doc file for saving memory
 1.1b (10.03.94) I: Added runtime/syntax error checking
                  i: Thus corrected syntax of RemLib
                  u: And added test whether no object is selected
                  e: Added replacing of bad characters (TABs, CRs etc.) by spaces
                 *b: Fixed "sector size 6 impossible" bug
                  e: Sector size limited to -360...360, default is now 360
 1.1c (11.03.94) i: Added RemLib in case of runtime error

```
                         i: Corrected SELECTED to "SELECTED" etc.
                         e: Added support for rotated ovals
                         i: Changed indention which reduced source size by ~2.5k!
                         u: Removed requester for wrong input
    1.1  (17.03.94)  b: Corrected bug if using normal text
                         e: Better German docfile (translation of this one)
    1.2a (18.03.94)  N: Rotate option
                         n: Group option
                         N: Help requesters
    1.2b (26.03.94)  N: Now supports locale's preferred language
                         i: Linked strings ("a b c") replaced by dotted variables (x.y)
                         i: Now uses Datatype() instead of complicated Verify()s
                         N: Begin option
    1.2  (27.03.94)  E: Documentation now in the AmigaGuide format
                         u: Character objects are deleted if an error occurs
                         N: Added Installer-script
    1.3a (02.04.94)  N: Spiral option (inspired by CBM's Bullet-lib spiral demo)
                         N: Font size option
                        *B: Silly bug that caused an error when "Abort" was used
                         i: Changed procedure headers to enable folding them with GoldEd
                         U: Installer-script now can be started from within the doc
    1.3b (03.04.94)  i: completely restructured the whole code (again saved ~2k!)
                        *b: Decimal delimiter now is correctly reset after an error
                        *b: Now all printable characters are handled (;=" didn't work)
                        *b: Help pages are shown in correct order
                         u: The Installer-script now asks before overwriting the macro
    1.3c (13.04.94)  n: Copy oval option
                        *b: Removed bug in help: Back wouldn't always work
    1.3d (14.04.94)  n: Save settings option
                         e: Somewhat improved parts of the manual
                        *b: Help doesn't trash the option line any more
    1.3  (27.04.94)  i: Now uses ENV:Locale to determine the language
                         i: Added ENV_Locale
                         e: Installer-script now checks whether newer version is present
    1.4a (10.05.94)  i: Spaces are no longer treated separately
                         e: Floating point numbers are now allowed
                         E: Now uses current paragraph if no text was selected
                         n: Begin absolute option
                         N: Included some other macros
    1.4b (14.05.94)  e: Object-deletion after an error much faster
    1.4  (18.05.94)  N: Adjust option
                         e: Now can be started from outside Final Writer
                         u: Spiral/Font size 0  no longer equals Spiral/Font size 100
    1.41 (14.06.94) *b: Now reads ENV:Language (see 2.1)
    1.42 (07.08.94) *B: Removed error with text blocks (see 2.11)
    ----------------------------------------------------------------------------
    2.0  (23.05.94)  N: Added GUI
                         u: Removed help requesters (not needed any more, I think)
                         e: Demodoc replaced by screen shots
    2.1a (04.06.94)  E: Requester can be left open
                         N: Thus added "Paragraph Rescan"
                         n: "Preserve settings" switch
    2.1b (07.06.94)  E: Faster processing when reusing the same text
                         e: Window zip-gadget added
                         u: Requester now works while processing the text
    2.1c (11.06.94) *b: Program would crash if started twice, now shows a messy
                         E: Now rescans new ovals/text blocks/selected text automatically
```

```
                         E: Now you can abort the drawing process
                         B: OK didn't work any more from 2.1b, fixed
                         e: Now shows a messy if it can't open it's requester
2.1   (14.06.94)  b: Fixed some little bugs that came in with 2.1b
                        *b: Language now read from ENV:Language like OS3.1 does (sorry!)
                         i: Installer script deletes ENV:Locale, if present
2.11  (07.08.94) *B: Removed error with text blocks (disk " NAME:" was requested)
                         u: "Activate Screen" removed (obsolete due to ScreenToFront)
                         u: "Preserve settings" removed (now always done)
2.12  (14.08.94) *b: Occasionally appearing "Arithmetic conversion error" disabled
                         e: Added two more demo pictures
-----------------------------------------------------------------------------
3.0a  (29.06.94)  E: Overhauled two column front end
                         N: Menu for settings added -> prefs handling much easier
                         n: "Adjust apparent width" added (suggested by Tremors)
                         i: MAIN program now can be folded :-)
                         e: Custom keyboard short-cuts
3.0b  (16.07.94)  u: Now uses rexxreqtools.library for requesters
                         u: Can be started if Final Writer doesn't run yet
                         i: Remlib removed (closes libs for other Arexx progs as well!)
3.0c  (30.07.94)  u: Now all short-cuts equal to the first char of the gadget text
                         u: Therefore some gadget names have changed
                         i: Changed prefsfile format
                         n: "Zoom" added
3.0d  (28.08.94)  n: "Ink" added
                         N: "Pattern from selected text" added
                         N: "Shadow" added
                         n: "Rotate: Delta" added
                         u: V1.42 no more included
3.0e  (04.09.94)  U: Draw removed, OK now behaves like Draw did
                         u: Window is now zipped during drawing process
                         n: "Window beneath pointer" added
3.0f  (11.09.94)  n: Added deinstall-script
                         i: getlanguage() now works correctly if ENV:Language missing
                        *b: Removed minor bug in Installer-script
                         E: Manual vastly improved
3.0g  (17.09.94)  N: "Use Final Writer's screen" added
3.0h  (16.10.94)  N: "Join words" added
                         n: "Adjust arc for spirals" added
                         I: Adding gadgets/menus now much easier
3.0i  (30.10.94)  E: Auto-paragraph rescan, if paragraph has been altered
                         u: "Paragraph rescan" removed - now obsolete
                         N: On-line help feature for gadgets and menus
3.0j  (05.11.94)  n: Menu item "Help"
                         N: Gadgets for oval dimensions and text
                         b: Decimal delimiter was not correctly reset
3.0k  (11.11.94)  u: Inputs are automatically limited to a valid range
                         N: Arexx-interface
                         u: Window brought to front if started twice
3.0l  (29.11.94)  u: Uses EasyRequest of no Reqtools
                         b: Some minor bugs fixed
3.0m  (04.12.94)  B: Menus now in correct colours (forgot to define WA_NEWLOOK...)
                         u: Window now stays zipped if zipped before OK
                         b: User can't unzip window any more during calculation
                         b: Shadow used to produce wrong colours with entered text
                        *B: Change string gadget & click on other -> new value not used
                         B: "Join words" now works with "Adjust"/"Font size" and "Spiral"
```

```
                        E: Improved spiral quality (chars don't overlap any more)
                        b: "Spiral" now sets "Font size" if not specified, as it used to
                        B: Fixed bugs when using "Pattern from..."
                        b: Again some minor bug fixes
3.0ß (07.12.94)  B: Text blocks handled as normal text, now work with all options
                        b: "Rotation: Like text block" didn't work in some cases
                       *B: Spiral + Adjust arc sometimes produced rubbish
                        i: Release version has no comments/indention -> ~20k shorter
3.0n (11.12.94)  u: Installer script now works with different user levels
                        i: Now has it's own directory in ENV: for needed files
                        u: Help file can be in ENV: if no HELP: available (for OS2.0)
3.0o (23.12.94)  E: Manual revision. Option descriptions now better (so I hope!)
                        b: Some chars wouldn't work when entered in the text gadget
                        b: "Gadgets auto-activated" used to activate all checkboxes
                        n: Text block/oval prefs can be called via FW menu
                        n: Window can be brought to front/back by key press
                        e: Scans paragraph at start-up
                        i: Some code optimization done
3.0p (26.12.94) *b: Bevel box has always correct colours (now a text gadget)
                        b: Doesn't request HELP: (or ENV:) if not assigned (for OS2.0)
                        e: Arexx commands now return their values in RESULT
                        b: Some bugs in Arexx commands fixed
                        n: Some new Arexx commands added
3.0q (28.12.94)  b: Again some Arexx related bugs fixed
                        n: Arexx macros can be executed via menu
3.0r (31.12.94)  n: Current document can be changed
                        e: Document name is displayed in the window/screen title
                        B: Begin absolute didn't work any more
                        B: On-line help for gadgets didn't work any more
                        e: Showpic.BAT now uses Display if Multiview not found
                        e: RemFinalWrapper.install improved
3.0s (02.01.95)  b: Error trapping didn't work with errors inside trapping proc
                        b: Now properly works without Reqtools
                        i: Rearranged some cycle gadget entries
3.0t (04.01.95)  N: Tutorial and other macros added
                        b: Sometimes used wrong styles or rescanned if it shouldn't
3.0y (21.01.95) *B: With Final Writer 3.0, characters had wrong sizes
                        E: Manual translated to German (puh! that was a lot of work!)
3.0  (29.01.95)  b: Spellchecked manual and program texts
                        e: Icon positions now snapshot with topaz.8
                        e: All demo pictures are now 640$\times$400 pixels (for older  ←
                           Amigas)
                        n: "Final Writer Release 3" option
                        b: Tested all options and fixed some little bugs
3.1a (04.02.95)  n: Two new options for join words (left/right aligned)
                        e: Two new Arexx commands (GETSTYLE/SETSTYLE)
                        e: Arexx commands GET/SETMODE now work for checkbox only gadgets
                        N: Title mode added
3.1b (17.03.95) *b: Used to crash when window couldn't be opened - fixed
                        N: Translated to Italian by Emanuele Bolognesi (many thanks!)
3.1c (20.04.95)  E: Screen shot for every option with values
                       *b: Ovals drawn from left to right etc. caused problems - fixed
                       *b: On-line help now works with amigaguide.library V34+ (OS2.x)
3.1  (21.05.95) *b: Erasing the text gadget + Ok now correctly shows a requester
                        e: Slightly improved results with titlemode + adjust width
                        e: Updated some parts of the manual
3.11 (17.10.95)  N: Danish translation by Mads Lie Jensen (thanks a lot!)
```

```
          i: Non-english texts are now in separate files to save memory
          e: Text block/oval prefs now work when an object is selected
          e: Help for configuration specific problems in the manual

     (File size 3.11: 52051 bytes)
```

A lot of work has been put into testing the macro and hundreds of bugs have been removed. It seems to run reliable now, although there surely are still some bugs undiscovered till now.

1.59 Coming soon (or later)

            The future of FinalWrapper

I'm currently a bit tired of writing on this program so there's really no big chance for a major update. I probably will add some small but useful options or external Arexx macros, fix bugs, and, if once there's an enhanced Final Writer with new text block features, I'll possibly include new options that make use of these.

You can still write me about bugs and improvement ideas. However, as I already stated above, it's not likely that new features will be added (except nice things that don't take much time to implement :-). If you tell me about bugs, I'll try to fix them and send you a version with the bug fixed, if possible.

I'll also upload new versions to the Aminet (text/misc).

See also
            Bug reports
            .

1.60 The Guru's corner

 Note: If you aren't familiar at all with Arexx, you'd better skip this section.

The Arexx port

 FinalWrapper opens a port called "FinalWrapperPort" for both window events and Arexx commands. This enables Arexx programmers to make use of the routines built into FinalWrapper for other macros of similar kind. If FinalWrapper is run more than once, the command line arguments are passed to the running process as Arexx commands (if none is given, the command "PopFront" will be sent).

 E.g.:
```
   1> Rx FinalWrapper.rexx              (launch the macro)
   1> Rx FinalWrapper.rexx Use ZIPGAD   (shrink the window size to title bar)
   1> Rx FinalWrapper.rexx Die          (force the macro to quit)
```

You can also access the macro via it's port. E.g.:
```
   1> Rx "ADDRESS 'FinalWrapperPort' 'Lock RESET'" (remove all remaining locks)
```

 Note: Arexx commands are only executed if FinalWrapper is ready, and not while

it's busy doing some calculations.

The following commands have been implemented (upper/lower case doesn't matter):

- SetVal gadget value
  Change the value of a string or numeric gadget.
  gadget: Short-cut of gadget name (arc,beg,rot,spl,siz,zoo,xgad,ygad,wgad,hgad,
           pgad,tgad)
  value: New value (anything for tgad, any number for xgad,ygad,wgad,hgad, any
           integer for the rest)
- SetMode gadget mode
  Change current entry of a cycle gadget.
  gadget: Short-cut of gadget name (arc,beg,rot,dlt,grp,wrd,spl,siz,zoo,ink,adj)
  mode: Entry to be displayed. To find out the number of an entry, use the
           'Default' menu item – then all cycle gadgets show entry 0. Count the
           number of clicks needed to get your entry – that's it's number.
- SetState object onoff
  Select or unselect an option.
  object: Short-cut of a gadget name (arg,beg,rot,spl,siz,zoo,wrd,pat) or a menu
           checkitem (mgad,mwin,mscr,mspl,mrel)
  onoff: 1 for on, 0 for off
- GetVal gadget
  Read the value of a string or numeric gadget (always returns decimal points for
  numeric gadgets, never commas!).
  gadget: Short-cut of gadget name (arc,beg,rot,spl,siz,zoo,xgad,ygad,wgad,hgad,
           pgad,tgad)
  RESULT: Will hold the gadget's value
- GetMode gadget
  Read current entry of a cycle gadget.
  gadget: Short-cut of gadget name (arc,beg,rot,dlt,grp,wrd,spl,siz,zoo,ink,adj)
  RESULT: Will hold the number of the entry (see SetMode)
- GetState object
  Read status of an option.
  object: Short-cut of a gadget name (arg,beg,rot,spl,siz,zoo,wrd,pat) or a menu
           checkitem (mgad,mwin,mscr,mspl,mrel)
  RESULT: Will hold the status of the option (0 off, 1 on)
- Use object
  Works as if the user pressed the appropriate gadget or selected the menu item.
  gadget: Short-cut of gadget name (okgad, cancelgad, closegad, zipgad, backgad)
           or a menu item (mload,msave,mres,mdef,mabt,mhelp,mtext,moval)
- SetStyle char style
  Changes the style (size, font etc.) of the given character.
  char: Character number (1 to length of text). 0 for all characters
  style: Styles as used for the Final Writer command TextBlockTypePrefs
- GetStyle char which
  Reads the styles (size, font etc.) of the given character.
  char: Character number (1 to length of text)
  which: Optional: Read a specific style element (e.g. FONT). Otherwise returns
           all styles in the format of GetTextBlockTypePrefs
- Set object value
  Can be used to modify several internal values of FW.
  object: The thing to be changed (any abbreviation of the names are accepted as
           well, e.g. "S" for "SCREEN")
  value: New value for the object
  The following parameters are currently known:
  PORT   Change the current document. "value" is the name of the new Arexx port

```
                  to be used. It must start with "FINALW.".  The  function  returns  the
                  name of the used port (might be another one if the requested one can't
                  be found) in RESULT
    SCREEN    Change the screen title. Any occurence of "%f" inside "value"  will be
              replaced  by the  current document name, "%i" by the info string (i.e.
              "FinalWrapper 3.1 by NDY's"). If value is omitted, the default  screen
              title will be used
    WINDOW    Works as the above option but affects the window title
    ZIP       Changes the window either to the zipped (value=1) or  normal (value=0)
              size. Returns the old status in RESULT
- Get object
  The counterpart of Set. Can be used to read several internal values of FW.
  object:  The  thing  to be read  (any abbrevation of the names are accepted as
           well, e.g. "S" for "SCREEN"). The parameters are the same as for  Set,
           plus the following:
  REQTOOLS Returns 1 in RESULT, if reqtools.library is available, otherwise 0.
  VERSION  Returns the version of FinalWrapper. Currently  useless,  but might be
           important for future macros that need certain Arexx commands which are
           not yet included.
- Prefs action
  Allows you to  store the current  settings  before you modify them and restore
  them afterwards (or reset them to the defaults if no argument was given).
  action:  "STORE"/"RESET" or any abbreviation (e.g. "ST", "RES")
- PopFront
  Brings FinalWrapper's screen and window to front and activates and unzips it.
- Die error message buttons
  Exits FinalWrapper with an error code and/or an optional message.
  error:   Error code (optional, must be given if a message is to be displayed)
  message: Message text (optional, see Message)
  buttons: Button text (optional, see Message). Only one button is displayed!
  RESULT:  The current lock counter. The action only succeeded if RESULT is 0.
- Message message buttons title
  Displays a message.
  message: Message text. Lines are separated by a "|", You must use  underscores
           ("_") instead of spaces (also for button and title!)
  button:  Button text. Buttons are separated by a "|" (default is "OK")
  title:   Window title. Default is FinalWrapper's default window title
  RESULT:  Number of selected  button. The most  right one has number  zero, the
           others are numbered from left to right starting with one
- Go
  Starts the calculation. The command  doesn't return before the  whole job  has
  been finished.
- Abort
  Forces FW to abort it's current calculation. Has no  effect if  no calculation
  is in process.
- Lock action
  Allows you to manipulate FW's internal lock counter. If the counter is greater
  than  zero, FW  cannot be quit, so you'll be  sure  it's  running  as  long as
  you want (unless an error occurs).
  action:  "ON"/"OFF"/"RESET" (or any abbreviation, except "O").
           ON increases the lock  counter,  OFF decreases it and  RESET  sets it
           back to zero. You can  also call it with  no  parameters  to read the
           current lock counter.
           Note: Don't forget to call Lock OFF if you called Lock ON!
           Note 2: Only use Lock ON and Lock OFF inside your programs, the other
           options are for debugging purposes only!
  RESULT:  Will always hold the current lock counter.
```

```
>>> If you need other commands, don't hesitate to write me! <<<
```

* RC will have the following values:

```
 0:  Everything OK.
 1:  FW is busy. Either try it later or use "ABORT" to force an abort.
 5:  The Arexx command was incorrect (unknown, invalid parameters). In this case,
     FW  will also display a requester with the faulty  command to help you debug
     your program.
10: FinalWrapper failed (or was terminated).
```

* The short-cuts for the gadgets/menu items are the following (easy to remember):

```
 arc:  Use arc                        spl:  Spiral
 beg:  Begin                          siz:  Font size
 rot:  Rotate                         zoo:  Zoom
 dlt:  Delete                         ink:  Ink
 grp:  Group                          adj:  Adjust
 wrd:  Join words                     pat:  Pattern from selected text
 xgad: X                              ygad: Y
 wgad: Width                          hgad: Height
 pgad: # of page                      tgad: Text

 okgad:    OK                         cancelgad: Cancel
 closegad: Window close gadget        zipgad:    Window zip (zoom) gadget
 depthgad: Window depth gadget

 mgad:  Gadgets are auto-activated    mload: Load
 mwin:  Window beneath pointer        msave: Save
 mscr:  Use Final Writer's screen     mres:  Reset
 mspl:  Adjust arc for spirals        mdef:  Default
 mtext: Text block preferences        mhelp: Help
 moval: Oval preferences              mabt:  About
 mrexx: Execute Arexx macro           mnext: Next document
 mrel:  Final Writer Release 3
```

* Writing your own macros:

Your own macros should at least contain the following start-up/cleanup code
which will check whether FinalWrapper's port is OK and ensure it won't quit. The
example macro "FW_Tutorial.rexx" contains a more complex initialization starting
FinalWrapper automatically when it isn't yet. Have a look at the other included
macros as well! You are allowed to copy the initialization for your own macros.

```
 /* Example macro */
 OPTIONS RESULTS
 rxport="FinalWrapperPort"
 IF ~Show("P",rxport) THEN EXIT 10
 ADDRESS VALUE rxport
 Lock ON
 Prefs STORE

 /* Insert your macro here */

 Prefs RESET
 Lock OFF
 EXIT
```

I propose you also start the names of your macros with "FW_" to make them distinguishable from the other macros in the FWMacros drawer for the user. If you have written a cool macro, please send it to me! Maybe it'll be included in a future release of FW!

Inside FinalWrapper

* The whole program currently consists of over 2500 lines, with a total of about 75 kbytes (quite big for an Arexx macro, I think!) – that's more than twice as much as the last version (2.12)! The version you get is just about 50k, because all comments and indention have been removed (they're just a waste of memory for you, but it would be very hard indeed for me to code without – the program just looks terrible like that).

* Gadgets can be added with a single line of code – the window will automatically be adjusted to the used font and the defined gadgets.

* The default language is read from the variable ENV:Language which is set by locale.library V40+. The Installer script of FinalWrapper sets this variable as well – so FW is localized from OS2.0 on!

1.61 Legal stuff & registration

                Law and order

* Distribution:

Starting with version 3.0, FinalWrapper has become Shareware, i.e. you may freely redistribute it, as long as the whole package is kept together. You are allowed to use it for two weeks, afterwards you must either delete it (use the

                Deinstall script
                 for this) or send me a contribution of sfr 20 (or $15 or DM
20)
                ^{1}
                . You will then receive the newest available version ASAP (there ←
                    might be a
delay of some few weeks if a new version is going to be finished soon or if I'm
not at home). It's best if you use the
                Registration sheet
                !

You must not change any of the included files! If you discover an unknown bug in the program, a misspelt word in the manual, or have a newer version of one of the included libraries etc., please contact me (see
                Bug reports
).

If you, due to whatever kind of circumstances, get hold of an unfinished version (x.xß, x.xa, x.xb, x.xc, etc.), you must not use it and never ever redistribute it! (This shouldn't happen, however, since these versions are only handed to persons I know for testing purposes – but remember: Murphy is with you, always.)

All previous versions (1.x/2.x) were and still are Public Domain, i.e. they may
be used, distributed and altered as you please.

The following files are included in the unregistred version:

```
FinalWrapper.rexx                   The macro itself
FinalWrapper.install                Installer script
RemFinalWrapper.install             Deinstall script
FinalWrapper[Small].Guide  + .info  English AmigaGuide doc
FinalWrapper[Small]D.Guide + .info  German AmigaGuide doc
FinalWrapperSmallI.Guide   + .info  Italian AmigaGuide doc
Translations/#?                     Non-english texts
FW_Macros/#?                        Macros for the Arexx port
DemoPics/#?.IFF                     Some demo screen shots
DemoPics/Showpics.BAT               Script to view them
DocPics/#?.IFF                      Some other demo screen shots
DocRexx/#?.rexx                     Arexx scripts for generating the examples
SetLanguage                         Used by the install-script
libs/rexxmathlib.library            For trigonometry (V1.31)
libs/apig.library                   For the window (V3.3)
libs/reqtools.library               For the requesters (V38.1248)
libs/rexxreqtools.library           For the requesters (V37.71)
```

The only limitation of the unregistred version is that it is unable to open the
requester on Final Writer's screen. For this you need the file FWKeyfile which
you will receive as soon as you register. This file also contains your personal
user number and must never be given to anyone else.

* Updates:

The newest version should always be available on AmiNet (text/misc). Registred
users can also obtain the newest version by sending me some money to cover my
expenses (postage + disk, unless included). Don't forget to state which version
you already have. However, I can't guarantee that there will be any new version!
This depends on the feedback I get such as new ideas, important bugs etc. I'll
inform all registred users with an e-mail address when there's a new version.

* Disclaimer:

You use the program at your own risk. Neither I nor any other author of any
included file can be made responsible for any damage caused by any part of this
distribution.

Especially don't blame me if...
- your machine has crashed because of FinalWrapper and you've lost 10 hours of
work on your new amazing shoot'em up.
- your cat has eaten the disk containing FinalWrapper and got ill.
- your local power plant broke down while using FinalWrapper (a known bug, which
only occurs very rarely)!
- you cannot close your mouth any more because of sheer amazement about the
effects achieved with FinalWrapper (look at a PC, this should cure you!).
                                                                          3-)

* Copyrights:

```
FinalWrapper 3.x is (c) 1995 by Andreas Weiss

Final Writer is (c) by SoftWood Inc.

The Installer and AmigaGuide are (c) by Commodore, but they both can be found on
Fish  Disk  870.

Workbench and Amiga are trademarks of Commodore Amiga Inc.

Arexx and rexxsupport.library are (c) by William S. Hawes and Commodore

GoldEd is (c) by Dietmar Eilert

The icons are (c) by Martin Huttenloher

reqtools.library is (c) by Nico François

If I should have unintentionally violated a Copyright, please let me know!


How to translate the program into another language

If you want to translate the macro and/or the  manual  to  any  other  language,
please  contact  me  -  I'll give you further details about how to do it. Having
done a translation, of course you'll automatically become a registered user  and
get free updates of any new version ever being published.
```

1.62   Note on the contribution

```
If you feel the contribution is too high for a program that  you  usually  don't
use  every day, you can of course send me less (or just a letter or a postcard),
but then don't expect me to send you any reply (well, I might  reply  but  don't
count on it; when you've got an e-mail address there's a good chance - but still
no guarantee - that I'll send you a key file nontheless). Considering the  price
of  a  disk  plus postage plus the work needed for copying and making a key file
and so on I felt with a lower contribution (half as much or so) it would  hardly
be worth the trouble.
```

1.63   Registration sheet

```
***************************************************************************
*                       FinalWrapper - Registration                      *
*                                                                         *
* Name: _____  First name: _____ *
*                                                                         *
* Address: _____  Post code: _____ *
*                                                                         *
* City: _____  Country: _____ *
*                                                                         *
* Phone: _____  e-Mail: _____ *
*                                                                         *
***************************************************************************
```

```
*                                                                              *
* Which version of FinalWrapper are you using? (See window title bar): _____ *
*                                                                              *
* Comments, suggestions, etc.: _____ *
*                                                                              *
* _____ *
*                                                                              *
* _____ *
*                                                                              *
* _____ *
*                                                                              *
* Equipment used: Amiga type _____ CPU: _____ FPU: _____ Kickstart: _____ *
*                                                                              *
* Workbench: ____ Chip RAM (MB): ____ Fast RAM (MB): ____ Harddisk: _____  *
*                                                                              *
* Other hardware: _____  *
*                                                                              *
********************************************************************************
*                                                                              *
*      Please include sfr/DM 20 or $15. You'll get the newest version ASAP!    *
*                                                                              *
* Send the sheet to: Andreas Weiss, Dorfstrasse 24, CH-8212 Nohl (Switzerland) *
*                                                                              *
********************************************************************************
```

1.64 Special thanks

Thanks to...

```
- SoftWood for their Final Writer
- William S. Hawes for his Rexx portation
- Dietmar Eilert for his great GoldEd
- Ronnie E. Kelly for his apig.library
- Willy Langeveld for his rexxmathlib.library
- Nico François for his reqtools.library
- Rafael D'Halleweyn for the rexxreqtools.library
- Martin Huttenloher for his wonderful MagicWB icons
- Wouter van Oortmerssen for his E compiler
- Andy Weiss for testing (not me, another one with the same lovely name...)
- Emanuele Bolognesi for his Italian translation
- Mads Lie Jensen for the Danish texts
- And not to forget: All registred users for the comments and donations!
```

1.65 How to contact the author

For registration, suggestions, bug reports, gifts :-} etc. write to:

```
  Andreas Weiss
  Dorfstrasse 24
  CH-8212 Nohl
  (Switzerland)
```

```
Or for e-mail:

  ndys@ezinfo.vmsmail.ethz.ch


P.S.: This is my very first prog in Arexx! D'ya like it?


Have fun!
          ND
```