# ScreenTest

**COLLABORATORS**

| | *TITLE* : ScreenTest | | |
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| *ACTION* | *NAME* | *DATE* | *SIGNATURE* |
| WRITTEN BY | | July 22, 2024 | |

**REVISION HISTORY**

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# Contents

# Chapter 1

# ScreenTest

## 1.1  ScreenTest.guide

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        Introduction   What is this thing?
   Copying         Can I copy it?
        Disclaimer     What if something goes horribly awry?
        Usage          How do I use it?
        Author         Who made it?
        History        What changes has it been through?
```

## 1.2  introduction

ScreenTest is a small command for use in shell scripts and,
consequently, ARexx programs.  You can use it to test if
a named public screen is open.  You can also use it to test
if there are any windows open on a named public screen.

## 1.3  copying

ScreenTest and ScreenTest.guide are Copyright © 1995, Jack Holt.

They are freeware, and may distributed freely provided that they are
distributed together, that no changes are made to them, and no more
that a nominal copying fee is charged (US$5.00 if on floppy, US$20.00
if on CD.)

Both Fred Fish and the Aminet distributors are not bound by these

restrictions, and are hereby given explicit permission to distribute
ScreenTest and ScreenTest.guide.

## 1.4 disclaimer

You use ScreenTest at your own risk.  I disclaim all responsibility
for anything that happens because of your use of ScreenTest.  Also,
I provide no warranty that ScreenTest will work as described, or
serve any other purpose.

However, I do use ScreenTest myself, have tested it, and have no reason
to assume anything bad will happen to you if you use it.

## 1.5 usage

ScreenTest cannot be run from the Workbench.

To use it from the shell, the syntax is:
    ScreenTest S=SCREEN/A,O=OPEN/S,W=WINDOWS/S

You should use exactly one of the switches: "OPEN" and "WINDOWS".
Also, you must provide a screen name.  If you provide no
screen name, or no switch, ScreenTest will return 99999 as an
error code.  If you use both switches, the "OPEN" switch takes
precedence.

When using the "OPEN" switch, ScreenTest returns 0 if the screen
is open and public.  Otherwise, it returns 5.  This return code
can be tested with the "IF WARN" script construct.  (See  Examples )

When using the "WINDOWS" switch, the return code reflects the
number of windows open, or is 99999 if the named screen is not
open or not public.  If there are no windows open, the return
code will be 0. This value can be fetched from the shell variable
$rc, if you are using the AmigaDOS shell.  If you are using
something different, consult the appropriate documentation on how
to get the return code.  (See  Examples )

I hope this section and the two "Examples" sections answer all
your questions.  If there's anything you still don't understand,
please write the  author .

## 1.6 open examples

First, let's say that there is a public screen called "Public"
that is open, and it has three windows open on it.  There is also
a screen called "Private Screen", which is open, but private.
And, there are no public screens called "Fred".

ScreenTest SCREEN Public OPEN will return with error code 0,

because "Public" is open and public.

ScreenTest OPEN S="Private Screen" will return error code 5,
because the screen is not public.  Note the use of quotation marks
around the name of the screen, because the name contains a space.
Note also that the "SCREEN" keyword can be abbreviated to just "S".

ScreenTest Fred O will return 5, because there is no open
screen named "Fred".  Note that the "OPEN" keyword can be abbreviated
as just "O".  Also note that the "SCREEN" keyword is not necessary
if the screen name is the first argument after the command.

If you wanted to test for a screen named "OPEN", then you would have
to use the "S" or "SCREEN" keyword before it, so that ScreenTest knows
that "OPEN" is a screen name and not a command line switch.

If you had a script where you wanted to be sure a screen was open
before you started a program, you would use something like this:

```
    ScreenTest SCREEN MyScreenName OPEN
    IF WARN
        MyScreenManager open MyScreenName
    ENDIF
    /* Now, screen is open.  Run program */
```

Of course, you'd have to provide the right command to get your
screen manager to open the screen.  This is just an example.


## 1.7   windows examples

First, let's say that there is a public screen called "Public"
that is open, and it has three windows open on it.  There is also
a screen called "Private Screen", which is open, but private.

ScreenTest SCREEN Public WINDOWS will return with error
code 3, because "Public" is open and public, and has three windows
open.

ScreenTest W S="Private Screen" will return error code
99999, because the screen is not public.  Note the use of quotation
marks around the name of the screen, because the name contains a space.
Note also that the "SCREEN" keyword can be abbreviated to just "S",
and "WINDOWS", as just "W".

Also note that if you're using this in a script, and you're not sure
if the screen will be both open and public, you may want to use
FAILAT 100000 so that the script doesn't abort if ScreenTest
can't find your screen.

If you wanted to test for a screen named "WINDOWS", then you would
have to use the "S" or "SCREEN" keyword before it, so that ScreenTest
knows that "WINDOWS" is a screen name and not a command line switch.

If you had a script where you wanted to check if a screen has no windows
open on it, and if so, close it, you would use something like this:

```
ScreenTest SCREEN MyScreenName WINDOWS
IF $rc EQ 0
    MyScreenManager CLOSE MyScreenName
ENDIF
```

Of course, you'd have to provide the right command to get your
screen manager to open the screen.  This is just an example.

## 1.8  history

V1.15 95/02/26 - Initial Release.

## 1.9  author

ScreenTest is a creation of Jack Holt.  Here's how to reach me:

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To see what else I've been up to, you can visit my homepage on the
World-Wide Web at <http://www.mit.edu:8001/people/genoa/home.html>.

If you find ScreenTest useful, I'd like to hear it about it.  Please
send me email, or preferably, a postcard.  Also, if you have any
suggestions for improvements, please email me.