**NewWait4Port**
**Documentation**

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# Introduction

So what does it do ?

NewWait4Port is a replacement of the WaitForPort command provided with Amiga-OS. It waits for a Message Port to appear and then end itself. This is useful for batch scripts. Here's an example:

```
run <>NIL: Miami:Miami            ;start Miami TCP/IP-Stack as background task
NewWait4Port MIAMI.1         ;wait for its Msg port to appear
rx "ADDRESS MIAMI.1 ONLINE"     ;send a rexx command to this port
```

This script waits till Miami has been started and its ARexx Port is available. Then it tells Miami to go online. Without NewWait4Port you would try to send a rexx message before the Port is available as it needs some time for Miami to start. Of course you could use a simple *wait 5* . But you never really know how long Miami will need to start.


# Features

**The original WaitForPort command** of Amiga-OS has two major disadvantages:

• it ends itself if the port isn't available within 10 seconds.

• it uses an endless loop of FindPort() calls resulting in a massive loss of CPU performance.

**NewWait4Port** waits for the Port to appear even if it has to wait for hours. It also allows you to define a delay time between FindPort() calls preventing a loss of CPU performance.


# Installation

Nothing's as simple as that.

Copy NewWait4Port to sys:rexxc/
Rename it to WaitForPort if you like.

Copy the documentation to wherever you want.

PORT/A  DELAYTICKS/N

PORT/A            is the name of the message port to wait for. This argument must be
                  provided. If the name includes spaces you need to enclose it with "".
                  Consider that Amiga-OS port names are case sensitive !

DELAYTICKS/N  is the delay time between the single FindPort() calls. The value given
                  must be the number of 1/50 seconds (=1 tick).
                  Defaults to 0 (behaviour of the original WaitForPort command). 25 is
                  probably a good value here.

Example:

 NewWait4Port MIAMI.1 10   ; waits for MIAMI.1 port to appear. It checks its  availability
                           every 10/50 second (=200 milli seconds).

If you start NewWait4Port without any arguments Amiga-DOS will show you the
template and ask you for input. If you input a ? now you will get a more detailed
explanation of the arguments.

You can cancel NewWait4Port by sending a CTRL_C break. This can be done by pressing
Ctrl C or by the following commandline:

 break 'status COM=newwait4port' C

Note that it can take up to DELAYTICKS time for the program to quit as the program
cannot quit within a Delay() call.


## Bugs

No bugs known (so far...).
Tell me if you find one.


## History

1.00 First Version, first Aminet Release

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### Contact information

Do you want to report bugs, make suggestions or show me you like this product you can contact me at

*jholzammer@bene.baynet.de*

snailmail:

Jean Holzammer
Ringstraße 20
92369 Sengenthal
Germany

fax: (0049 for Germany) 089/6661 713 498

http://Jean.Holzammer.home.pages.de

You can also contact me if you are interested in the source of the programm.

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