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.

Usage

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

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

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