

ModemActivator

Lasse Bay SSD98

COLLABORATORS

	<i>TITLE :</i> ModemActivator		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

ModemActivator

1.1 ModemActivator User Guide

```
=====
Skytech Software Development presents
ModemActivator Guide File
=====
```

Released 24-10-98.

Introduction

What is this?

News

News subjects/changes since v1.0

Disclaimer

Disclaimer

Contacting me

How to reach the author

Usage

How to use ModemActivator

Requirements

Requirements

Limitations

Limitations

Bugs

Bugs

Future

ModemActivator in the future

History

1.3 Updates since v1.0

Updates since v1.0

- Rewrote: - Some of the error handling code
- Added: - New tooltypes: SMARTMODE, DEVICENAME, UNIT [see usage
]
 - New Icon added
 - Amiga.guide

1.4 Disclaimer

Disclaimer

Skytech Software Development cannot in any way be held responsible for any problems of any kind, which is caused by this software.

You may freely distribute the software. If you have any kind of comments, suggestions or new bugs please report them to
me
ASAP

If you use this software often, you MUST send me a mail, and tell me what you think of it!

1.5 Requirements

Requirements

Hardware

- Amiga Computer (Surprise :-))
- 68000 CPU or higher
- Modem

Software

- Kickstart 3.0 or higher
- Workbench 3.0 or higher
- Optional: reqtools.library for GUI
- "modem".device eg. serial.device

1.6 Limitations

Current Limitations!

At this moment, there are a few limitations to ModemActivator.

- Filename+path MAX length: 128 chars! [MAX length of tooltype!!]
- MAX devicename length: 32 chars [set by me! can be increased on request]
- MAX unit number: 999 [just to be on the safe side :-)]
- MAX program/script stack size: 32768 bytes
- May or may not work wit other devices than serial.device

1.7 How can You contact the author ???

Author Information

To contact me, please use my email:

E-Mail: Lasse Bay <skytech@post1.tele.dk>

Or how about ICQ ??

ICQ: 14660901

If you want to send me a postcard, send it to this address:

Snail-Mail: Lasse Bay, SSD98
Skjernvej 27
7500 Holstebro
Denmark

Feel free to contact me for anything Amiga related. If you want a new feature added to ModemActivator mail me, and I'll have a look at it ASAP!

1.8 How to use ModemActivator!

Usage

Quick instruction on how to use ModemActivator!

Installation:

Put MA in your 'WBStartup' drawer [Remember the Icon]!

Usage:

ModemActivator doesn't use a config.file to store the config. All information is stored in the Icon!! Remember this!!

The icon contains multiple tooltypes. Here is an snapshot of the tooltypes from my configuration:

```
FILE=Miami:Miami
SMARTMODE=ON
DEVICENAME=serial.device
UNIT=0
DONOTWAIT
```

Lets have a look at the tooltypes, and what they do:

```
'FILE=Miami:Miami'
```

This tooltype contain the path plus name of the program to be run, upon modem activation. This can be script if you like it! Just remember to set the '+s' bit!! Also notice that names like 'Ram Disk:nukewin.exe' is not accepted. No space is allowed in the drivename!!

Please notice, that you can only state ONE[1] file to be executed. If you want more files to be executed, make a script and make MA execute it for you!

```
'SMARTMODE=ON'
```

This tooltype tells MA if smartmode should be enabled or not! Smartmode is a mode, where MA stays online constantly. It will try to monitor your modem.device every 10 seconds, even if it can't open the device. When you turn on your modem, MA will react by running your program/script. Then it will wait for your modem to turn off again. When MA has detected your modem is turned off, it will wait for it to be turned on again. When this happen, it will run your selected program/script again! This loop will go on forever and ever, unless you tell MA to go inactive [eg. via Exchange].

When Smartmode is turned off [by writing off, or deleting the tooltype], MA will go inactive before running your program. Then you will have to put MA online again by yourself [Exchange].

When using Smartmode, please notice that the device is only checked every 10 seconds [off and on]!!

```
'DEVICENAME=serial.device'
```

As the name indicates, this is where you state the name of the device you use to connect you modem. If none is stated, serial.device is used as default!!

```
'UNIT=0'
```

This is the unit of the device to check!! If your modem is on unit 2, the tooltype will look like this 'UNIT=2'. If none is stated, the default is '0'.

```
'DONOTWAIT'
```

DON'T DELETE THIS TOOLTYPE!!! It tells Workbench not to wait for MA to return!! If you delete it, Workbench WILL complain!!

All settings can be changed either with the commodity interface, or by hand!!

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1.9 What will happen to ModemActivator ?

The Future

What will happen to ModemActivator in the future ??

Well, only you can tell!!

To do:

- Add tooltype for checkintervals. Default is 10 seconds.
- Maybe a better gui ??

If you have any suggestions, write a mail to me and let me know!
If you want to create a better icon, than the one I have pieced together,
feel free to do so. If you think your icon deserves to be spread with
ModemActivator, mail it to me and I will included it with the next version!

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1.10 Those Nasty Bugs!

List of known bugs in Modem Activator:

- MA can't detect if the program/script you have chosen is run or not, since I can't make SystemTagList() return the correct errorcodes. It always return succes, even if the program doesn't excist!
BUT it is being worked on!

1.11 ModemActivator History

ModemActivator History

0.2 Didn't work!

0.5 Didn't work either!

- 0.9 Worked!
- 1.0 First Release to Aminet
- 1.01 Minor improvement [Better internal error handling!]
- 1.11 Added SmartMode tooltype. ModemActivator just got smarter :-)
[Added by request from Fredrik Ismyren!]
- 1.27 Added more tooltypes. [DEVICENAME, UNIT]
[Added by request from Dthomas Trenn]
- 1.50 Added better Icon handling (what I believe to be correct!)
Reworked the GUI a little
Better and smarter internal error handling
Second release to Aminet

USE IT AT YOUR OWN RISK!

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