DRing

COLLABORATORS			

	TITLE : DRing		
ACTION	*NAME*	*DATE*	*SIGNATURE*
WRITTEN BY		August 7, 2022	

REVISION HISTORY			

NUMBER	DATE	DESCRIPTION	NAME

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1.2 Description

This program will sit and listen to TrapDoor's output ARexx port
waiting for a suitable RING type response from the modem. If the
correct requirements are satisfied, it will tell TrapDoor to
answer the call.

It will output CLI information from Trapdoor if you
have a suitable modem (as long as CLI is on).

Your modem will need to have distinctive ring capability, and
your phone company will have to supply you with that service.

1.3 Using Dring

DRing is a very simple program which sits on its own without any
other configuration files (ATM). It has a couple of command line
arguments which you may or may not need to use.

These are:

```
  -? (gives a quick usage guide)
  -t<Trapdoor's Arexx port>
  -p<Sets our port name for TrapDoor>
  -s<string to count as ring>
  -r<number of rings>
  -w<seconds between rings timeout>
```

e.g.

DRing -tTRAPDOOR -pDRING -sRING -r2 -w5

The values shown here also happen to be the defaults.

To use this program with TrapDoor (or another ARexx using program
perhaps), you will need to alter the configuration.

First, you will have to enable distinctive ring. My Pace uses
the AT-SDR command, where

AT-SDR=0 (off)
AT-SDR=1-7 Various combinations of ring types.

If you have CLI,

AT#CID=0 turns off CLI information.
AT#CID=1 turns on formatted CLI information. (We use this)
AT#CID=2 turns on raw CLI information.

You will need to consult your modem's manual for more information
about the ring types.

Anyway, stick that in Trapdoor's modem init string.

Secondly, you'll need to stop TrapDoor answering the modem. Set
RINGS to a big number as it suggests in the Trapdoor manual.

Also, check scripts which set/reset rings (tossing, maintenance
etc.) with TrapTell, as this will ruin the operation of this
program. Replace calls to TrapTell with an ARexx script like
rings.rexx, or point TrapTell at DRing like so:

TrapTell -PDRING "rings 5"

Then, set TrapDoor's IPC port 'IPCPORT' to our port name (e.g.
DRING) and double check the main ARexx port name (or the modem
will never be answered...)

1.4   ARexx

The ARexx port is mainly meant for TrapDoor to send its messages,
but it has a couple of commands.

These are:

```
  RINGS   - set rings before answer (similar to Trapdoor)
  STRING  - change ring string (e.g. RING1)
  TIMEOUT - change seconds between rings timeout
  QUIT    - quit DRing
```

Trapdoor sends 'STAT' messages which our port uses to detect
rings and CLI information. I used these to test the program,
but you may find a use for this setting up your timeouts.
Otherwise, don't bother with it.

If there are any other sensible commands you would include, please
don't hesitate to mail me.

1.5   Contact me

For bugs, improvements etc., contact rich@theforest.demon.co.uk,
or call The Forest BBS on +44-1549-402746 (Fido: 2:259/301) for
a chat or to download any later versions.

1.6   History

  · 20-Feb-1999
    First public release on Aminet

  · 11-Feb-1999
    Initial internal version V1.0

1.7   future

I'll add some CLI interactive things to this program later.
Any other ideas/suggestions will be welcome.

1.8   Copyright notice

This program is copyright 1999 R. Smith. This distribution is free
as always. I wouldn't mind an email if you use it though.

1.9 greet

A big hello to Glen Martin, sysop of Gremlins BBS.

HI :) Keep up the good work...

1.10 Index

```
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```