

ProcessEvents

Roy E Brown

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Chapter 1

ProcessEvents

1.1 ProcessEvents Documentation

ProcessEvents V1.3

By Roy E Brown

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If you do not use Thor v2.x+, then ProcessEvents is of no use to you at all.

Best you get Thor installed then!. :)

1.2 What Is ProcessEvents?

What is ProcessEvents.br

ProcessEvents.br will allow the Thor user to send Thor Events and/or fetch News and Mail without the use of ConnectThor. The script supports POP3 and SMTP mail systems (user definable).

ProcessEvents.br will allow you to edit all active Events. Depending on the type of Event, various options are available.

ProcessEvents.br checks for any active Thor Events and, if found, pops up a requester that displays details of the Events (including which newsgroup (or

E-Mail) the message is destined for). If you use Thor V2.4+, you also have the option to FTP Download/Upload Events from/to your favourite Aminet site (as configured in Thor).

ProcessEvents.br presents the user with several options:

POP3 SMTP

Do All Do Both

Send Events Get News

Get Mail Send Events

Get News Edit Events

Get Both Cancel

Edit Events

Cancel

If there are no active Events waiting then a requester will pop up allowing you to collect news (both systems) and/or mail (POP3 only).

1.3 Features

Features

- * Uses an Installer® script to install the script and to create the required configuration file. THIS MUST BE USED.

- * AREXX script that can be:

Executed from a cli

Attached to a DOpus (or Toolmanager) button

Selected from a menu item.

Included in your 'Link Up' script or tool

- * Does not require Thor to be running.

- * Has a user-configurable number of retries if mail/news servers are busy.

- * Can be used with either a POP3 or SMTP systems (user-configurable)

- * Presents the user with details of Events waiting to be sent:

Real Name of addressee (if the addressee is in your user database)

Name of Conference (E-Mail or Newsgroup) the Event is destined for

Subject of message

Join/Resign/Get-List Conference Events

Cancel a message

Upload & Download files (Aminet)

Editing of Events prior to dispatch

1.4 System Requirements

Requirements

ProcessEvents.br requires the following (not included in archive):

Kickstart 2.04 or higher

rexxreqtools.library

reqtools.library V38(+)

rexxarplib.library

rexxsyslib.library

Thor 2.+ installed and correctly configured for TCP operation.

If you wish to make use of the Download Event type, then you will require Thor V2.4+.

You also need to have AREXX up and running.

ProcessEvents.br has been tested on the following Amigas

A4000/030 18mb Workbench 3.0.

A4000/040 20mb Workbench 3.0.

It should work on Workbench 2.04/2.1/3.1. It will not work on Workbench 1.2/1.3.

1.5 Installation

Installation

Installation of ProcessEvents.br is automatically handled by the Installer® script.

IT IS IMPORTANT THAT YOU USE THE INSTALLATION SCRIPT.

The Installer script will install the latest version of ProcessEvents (after first renaming any old version) to your (Thorpath)/rexx/bbsread directory.

The ProcessEvents.guide file (i.e. which you are now reading) will be copied to your (ThorPath)/docs directory, overwriting any existing .guide file.

Once this is complete, the configuration for ProcessEvents will be completed.

This is done by asking the user for details of their setup. See the various options via the buttons below.

System

Other

See the example configuration file.

1.6 System

SystemName

This is the name of your TCP system as configured when setting up Thor using the System Configuration option.

Examples:

'Internet'

'Demon'

'Bloggs'

or whatever wierd and wonderful name you have thought of to call your TCP system.

MailType

This is the type of Mail system that you use with your ISP. The options are either POP3 or SMTP.

'Demon Internet Services' users should set this to SMTP unless they are paying Demon extra to have a POP3 mailbox.

Users of other ISPs should consult with their provider if they are not sure which system they are using.

MailBox

This is the location of your mail box (on your system, NOT on your ISP's system).

If you use POP3, then you will not be asked any details about your Mailbox location. ProcessEvents.br can locate your mailbox itself.

If you use SMTP, then your mail is normally downloaded to the file

UUMail:<user>

where <user> is the same name that you used when you configured your Mailpacket in the System Configuration of Thor.

Note: UUMAIL: is usually assigned, when you run your 'Startnet' script, to AmiTCP:usr/mail/

The default directory is UUMail: and the <user> is found by examining the ENV:USER variable. If your <user> is different then simply edit the string gadget.

1.7 OtherOptions

Maxtries

This is the number of times you want GetTCP and SendTCP to attempt to connect with your mail/news servers.

If the servers are busy, ProcessEvents will keep trying to connect for the

number of times that you set in this variable.

AutoParse

This will allow the user to decide whether to parse any new mail and/or news articles automatically once collection is complete - regardless of the **LogOff** variable setting.

LogOff

This variable allows you to decide if the option of logging off or not is presented once the sending of Events and/or mail & news collection is complete.

The setting is either 'YES' or 'NO'.

If you set this to 'Log Off requester' and select 'Log-off' from the requester AND if there is any new mail and/or news waiting to be parsed, you will have the option of parsing it at this time. If there are no new messages, you will receive a sympathetic response when you log off.

The script will only do this if AutoParse is NOT selected.

If LogOff is set to 'No Logoff requester', then the script will quietly exit once everything is complete, unless AutoParse is selected in which case new messages will be parsed before the script exits.

YOUR MODEM WILL REMAIN ON-LINE if LogOff is set to "No Log Off requester"!

This option allows the script to be used in automatic systems without further intervention by the user once started.

LinkDown

This is your link down command or script. You should specify the full command line that takes your system off-line.

Example:

```
'rx AmiTCP:bin/Link Down'
```

1.8 Usage

Usage

The script can be used in a number of ways.

The simplest way to to run it from a shell window with the following command line:

```
rx (THORPath)rexx/BBSRead/ProcessEvents.br
```

Do not forget to use the actual path in place of (THORPath) in the command line.

You could put the same line in your 'Link Up' script. This would allow you to start ProcessEvents each time you log into your ISP.

Another option would be to set up a button or menu item (using Tool Manager or DOpus 4/5) which would run the script when required. You should consult the relevant instructions/manuals for the program you use.

1.9 Buttons

Do All (POP3 only)

This button will initiate the sending of active Events, fetch your mail and news, and then FTP files from Download Events (if applicable).

Send Events

This button will initiate the sending of Active Events. It will not attempt to collect any waiting mail (POP3) or news, nor will it FTP any files.

Once SendTCP has sent all active Events, or SendTCP could not connect with your mail/news servers after the number of attempts set in the **MaxTries** variable, and you have **LogOff** selected 'Log Off requester', you will be advised whether the sending of Events was successful or not.

Get Mail (POP3 only)

This button initiates the collection of your E-Mail from your ISP. It will not attempt to collect news, nor send any waiting active Events.

Get News

This button initiates the collection of waiting news only. It will not attempt to collect any waiting E-Mail (POP3 only), nor will it send any waiting active Events.

Do Both (SMTP only)

OR

Do All if there are active Download Events.

This button initiates the sending of active Events, followed by the collection of any waiting news and the FTPing of files (if applicable).

Get Both (POP3 only)

This button initiates the collection of both mail and news. It will not send any waiting active Events.

Edit

This button will allow you to edit active Events. Active Events includes Error and Frozen Events as well as normal Active Events. Depending on the type of Event you can Activate, Freeze, Delete, Edit or Show the Event. For example, you can Show and Edit a text based Event (i.e. Email, newsgroup posting), but you can only Activate, Delete or Freeze a Resign Event.

I have deliberately not shown any 'Deleted' Events in the lists. This is because an Event is usually deleted (from within Thor) for a good reason. If these Events were made available within ProcessEvents, then you could end up sending an unintentional Event, maybe with embarrassing consequences.

Cancel

I'll let you figure this one out for yourselves. ;)

1.10 Legal stuff

Legal

I am tempted to make this script E-Mailware. I realise that this is really nonsense as I cannot force anyone to send an Email.

However, I would like some feedback as to how widely used ProcessEvents is, so E-Mailware it is!

If you use this script more than twice, you are morally obliged to send me an Email telling me what you think of the program.

This script is placed in the Public Domain and may be freely distributed. It does, however, remain the copyright of myself, Roy E Brown.

I cannot accept any responsibility for any damage or loss of data, no matter how caused, if you use this script (or even if you don't).

The Thor Team are free to distribute this script with the current and any future versions of the Thor program.

1.11 History

History

V1.0 (31.8.96)

First release. For details of ProcessEvents predecessor, SendEvents.br, see relevant archive on Aminet (comm/mail) or hstud6.cs.uit.no (pub/amiga)

V1.1 (7.9.96)

Fixed some potentially troublesome bugs in the Installer script.

Added processing of Error and Frozen Events.

V1.2 (8.9.96)

Added the ability to Activate Frozen Events.

The main displays will now indicate whether an Event is an [A]ctive, [F]rozen or [E]rror Event. Deleted events were intentionally left out.

Fixed a bug where FTPGet was called twice if called a second time after editing Events.

Shaun, I've added error checking!!

V1.2.1 (11.9.96)

Fixed a problem with the button text in requesters.

Removed obsolete code.

V1.3 (17.11.96)

Removed the code for FTPGet, as Thor V2.4+ can now handle FTP itself. Therefore, in order to use the Download and Upload Event types, you must use Thor 2.4+.

If you do not upgrade to V2.4+, you can still use ProcessEvents V1.2 for FTPing

of files (download only).

Added support for Upload Events. These can be handled in the same way as Download Events

Removed all logging options. Since SendTCP and GetTCP can both log their respective outputs to a common file (as configured in Thor), it seemed pointless have another log for this script - especially as there really is nothing to log anymore.

The message subject (which is used in the initial requester for EMail and news postings) has been limited to 20 characters to reduce the width of the requester with long subjects.

Yet another general code tidy up

1.12 Updates

Updates

I will attempt to fix any bugs that are reported to me via [E-Mail](#) .

I will consider the implementation of any suggestions received - if they are not beyond my fledgling programming skills.

The latest version of ProcessEvents will be available on my website:

<http://www.ebrown.demon.co.uk>

I will endeavour to upload the latest (bugfixed/enhanced) version to both Aminet and to the Thor support site at hstud6.cs.uit.no.

I will post a message in [alt.sys.amiga.thor](#) whenever an update is available.

1.13 Credits

Credits

ProcessEvents.br and the AmigaGuide® document were written using the following software:

GoldED Release 4 (4.3.x) Registered

All Rights Reserved.

© 1996 Dietmar Eilert

Heddley v1.1

© 1994 Edd Dumbill

ProcessEvents.br is for use with:

Thor V2.22+ (Should work with V2.x + but not tested)

© 1993-1995 Ultima Thule Software

All Rights Reserved.

Note: Recognition of Download Events requires Thor V2.3+

ProcessEvents.br uses the following libraries:

rexxarplib.library V3.3

© 1994 W.G.J. Langeveld

reqtools.library V38.1387+

© 1992-1994 Nico François

© 1995-1996 Magnus Holmgren

rexreqtools.library V37.95

© 1994 Rafael D'Halleweyn

I would like to thank Kevin Cowans of Armthorpe, Doncaster (which is, incidently, less than 4 miles from where I live).

Kevin has given me lots of encouragement and some suggestions for ProcessEvents as well as supplying the new name for the script..

Thanks also to Shaun Downend for suggestions and encouragement.

If any other user wishes to make suggestions please contact me by [E-Mail](#) .

1.14 Contacting the author

Author

Please send an E-Mail if you like ProcessEvents or if you have any problems with it or suggestions for improvements. I will always reply to E-Mail messages. I can be contacted at:

Roy Brown

roy@ebrown.demon.co.uk

I have written a couple of other scripts for Thor:

AutoSend.br

SortEvents.br

SendEvents.br

ThorFTP.br

Thor_GMSPoll.thor

Please see my Home Page, <http://www.ebrown.demon.co.uk> for full details.
