ProcessEvents

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ProcessEvents II V1.3

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

Best you get Thor installed then!. :)

1.2   What Is ProcessEvents?

What is ProcessEvents II

ProcessEvents II allows the Thor user to send Events and/or fetch news

and mail without the use of ConnectThor. The program supports POP3 and SMTP

mail systems (user definable).

ProcessEvents II checks for any active Thor Events and, if found, displays

details of the Events (including which newsgroup (or EMail) the message is

destined for) and presents several options.

POP3 SMTP

Do All Do Both

Send Events Send Events

Get News Get News

Get Mail Quit

Get Both

Quit

If there are no active Events, the Do All /Bo Both

Buttons} and Send Events buttons will be ghosted

(disabled), as will the corresponding menu entries.

The Events are displayed in individual listviews (one for each type of

event). The lists are sorted in Event number order. By clicking on a

particular column and pressing the 'Show' button, the user can display

information related to that column i.e. click on the Addressee column and the

email address is displayed.

1.3 Features

Features

* Does not require Thor to be running.

* Easy to install - put the program where you like

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

* Supports multiple Thor systems (but not users - yet)

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

Name or address of recipient (EMail Conference only)

Name of Conference that newsgroup Events are destined for

Attached file(s)

Subject of message

Upload files (Aminet)

Download files (Any FTP server - requires Thor V2.5)

Join/Resign/Get-List Conference Events

Cancel a message

* Editing/viewing of EMail/newsgroup Events prior to dispatch

* Gui re-configures for POP3 or SMTP operation

* Written in C using MUI for the interface

1.4   System Requirements

Requirements

ProcessEvents II requires the following (not included in archive):

Kickstart 3.x (I think)

MUI V3.8 (maybe earlier but not tested)

MCC_NList

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

ProcessEvents II has been tested on the following Amiga systems

A4000/040 38mb OS 3.1 using MUI V3.8 and Thor V2.5a

A1200/020 10mb OS 3.0

A1200/030 18Mb OS 3.1

A2500/020 9mb OS 3.1

A3000/060 128mb CyberStorm PPC 604e/200

1.5   Installation

Installation

Copy ProcessEvents II where ever you wish. I suggest Thor:bin/.

When you first run the program, PE II will complain about not finding your

Thor system. This is because you have not yet set the configuration. Select

Configuration from the Project menu and fill in the

relevant details. Save the configuration.

At this time PE II does not support multiple POP3 users. This will be added

in a future version if the response to this release warrants it.

You should also have MUI and MCC_NList installed :))

Configuration

1.6   Configuration

Multiple Thor Systems

Since V1.3, support for multiple systems has been added. To configure your

systems, put your system names in the relevant string gadget, separated by a

space i.e. 'Internet Demon'. If your system name has spaces, then you should

enclose that system within double quotes i.e 'Interenet "Demon Services"'.

The single quotes should not be entered.

Do the same with your User Names. The first username will be used with the

first system, the second with the second system etc.

System Name

This is the name of your TCP system as configured when setting up Thor using

the System Configuration option.

Examples:

'Internet'

'"Demon Services"'

'Bloggs'

or whatever weird and wonderful name you have thought of to call your TCP

system. See above if you have more than one Thor system set up. Only use

double quotes if your system name has spaces in it. The single quotes

should not be entered.

Username

Enter your username. This is usually the portion of your email address that

follows the '@' symbol, although it could be the portion that precedes it.

Sorry, I know that is not much help, but it largely depends on the system that

you use to retrieve your email and what your ISP uses. If in doubt, contact

your ISP. In any event, it should be the name that you use to access your

mailbox (for POP3 systems).

Mail System

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

either POP3 or SMTP.

'Demon Internet Services' users (in the UK and NL) can now use either of these systems.

Users of other ISPs should consult with their provider if they are not sure

which system they are using.

Auto Parse

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

'Log Off' setting. Parsing of messages will be done before PE II logs off.

Max Msgs

Set to the maximum number of messages you wish to download from each

newsgroup (the figure set will obviously apply to ALL newsgroups).

Maximum is number 100 - if this is not enough, let me know and I'll increase

it.

If this is set to 0, then the setting used is that which you configured

within Thor.

Log Off

This option is on the main interface - the setting will be saved with your configuration.

This allows you to decide whether or not PE II will log off once the processing of Events is complete.

NOTE: If your mail system is SMTP, it is possible that PE II will log off

before the delivery of your email is complete, especially if you subscribe

to large volume mailing lists. For this reason, the log off button is at

the top of the main interface where you can easily toggle it's setting as

required. The setting is dynamic so you may change it even after you have

connected to your ISP - BUT BEFORE YOU SELECT AN OPTION WITHIN PE II. The

setting is also saved with your configuration.

YOUR MODEM WILL REMAIN ON-LINE if Log Off is not ticked.

This option allows the program to be used in automatic systems without

further intervention by the user once started.

Log Off Cmd

This is your logging off (hang up the modem) command or script. You should

specify the full command line that takes your system off-line.

Example:

'rx AmiTCP:bin/Link Down'

or

rx "address MIAMI.1 OFFLINE"

Event Editor

Enter the command that calls your preferred text editor eg 'C:Ed'. I

suggest that you do not use any 'sticky' options.

Event Viewer

Enter the command for your preferred text viewer eg 'C:MuchMore'.

1.7 Usage

Usage

Double click the icon to run the program from WB, or run it from a CLi.

Another option would be to set up a button or menu item (using Tool Manager or

DOpus 4/5) which would run PE II when required. You should consult the

relevant instructions/manuals for the program you use.

Your system is selected using the cycle gadget at the top of the PE II main

window. When pressed (assuming you have more than one Thor system

configured), the listviews are refreshed with details from the selected

system.

If there are any active Events, they will be displayed in the relevant

listview. The total number of active Events is displayed at the top right.

If Events are present in any listview, the tab title is coloured white.

NOTE: This total includes Active, Frozen and Error Events. Done and Deleted

Events are not included, nor are they displayed.

I have deliberately not shown any 'Deleted' Events in the lists. This is

because an Event is usually deleted (from within Thor or PE II) for a good

reason. If these Events were made available within ProcessEvents II, then you could end up sending an unintentional Event, maybe with embarrassing consequences.

If you click on an EMail Event, the information displayed depends on which column you clicked. If there is a file (or files) attached to an Event, then when you select 'Show' (menu or button), the file(s) are shown in a requester (this also applies to an atachment to a newsgroup Event).

Similarly, if you clicked on the addressee column, then the email address is shown. The default (i.e. any other column) is to display the message text using your configured text viewer.

Pressing one of the upper row of buttons will do as it suggests. Edit will call your configured text editor, allowing you to make any changes.

'Refresh' will clear the lists and reread the Events. There are corresponding menu items (Action Menu) for each button.

These buttons and menu items (except 'Refresh') are disabled if no Event is selected ie, you haven't clicked on an Event.

If you select 'Delete', you will be asked for confirmation before the deletion of all selected Events. You may be able to recover these Events from within Thor if there are any other 'active' Events.

You can change the Configuration before selecting one of the lower bank of buttons.

The main interface is 'asleep' while Events are being processed and during the collection of mail and news.

1.8 Buttons

Do Both (SMTP only)

OR

Do All (POP3 only)

This button will initiate the sending of active Events (including FTP), fetch your mail (POP3 only) and news.

Send Events

This button will initiate the sending of active Events. It will not attempt to collect any waiting mail (POP3 only) or news.

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.

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 Both (POP3 only)

This button initiates the collection of both mail and news. It will not send

any waiting active Events.

Quit

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

1.9 Legal stuff

Legal

ProcessEvents II is 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 II is,

so E-Mailware it is!

If you use this program more than once, you are morally obliged to send me

an Email telling me what you think of the program.

It will cost you nothing to do this. Well, almost nothing. :)

ProcessEvents II 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 program (or even if you don't).

The Thor Team are free to distribute this program with the current and any

future versions of the Thor program.

1.10 History

History

V1.3 (26.4.98) Added support for multiple Thor systems (not multiple users

though).

Added an additional column for attached files in Email and

newsgroups.

Changed operation of clicking on Events in Email and News -

double-clicking no longer does anything. This section

caused me no end of grief (and is the reason for no recent

updates). I just couldn't get the button ghosting and

de-selection of Events right after an 'Action' button was

pressed. Eventually I removed the double clicking options

which solved the problem.

Fixed bug in V1.2 when Max Msgs wasn't set to 0 (GetTCP

would fail).

Fixed a couple of Enforcer hits.

V1.2 (22.3.98) Added a 'Refresh' button to re-read the Events lists.

Added an '*' suffix the the number of any Event that has a

file attached.

Finally added the 'Are You Sure?' window to confirm the

deletion of Events.

Changed EMail Events to show the addressee's name if

available, otherwise it will still show the email address.

The main window no longer iconifies while processing Events

or fetching mail and news.

Removed the 'About' requester on startup. I haven't figured

out yet exactly how to implement a simple keyfile option.

Fixed problems with the deletion of multiple selected Events.

V1.1 (14.3.98) Changed the listviews to use MCC_NList. This allows a

different colour to be used for the column titles as well

as a horizontal separator bar. The configuration of the

listviews can be changed from within MUI prefs (select 'MUI

Settings' from the Project menu).

Added MultiSelect to the Listviews. You can now select

several Events together to Activate, Freeze or Delete.

Added the GetTCP MAXMSGS option (not tested though - if

anyone uses it, please let me know the results).

Fixed the problem with PE II not finding GetTCP and SendTCP.

I have 'Thor:bin' added to my path and therefore there is no

problem for me. However, several users do not have this set

and the program failed. PE II now uses the full path to

GetTCP and SendTCP. My apologies for that.

V1.0 (3.3.98) Initial Aminet release.

1.11 To Do

Things that still need to be done:

Use internal message viewer supporting coloured quoted text

(This will appear in V1.4)

Integrate the usage of Miami (much the same as AutoSend.br)

Have the option to start/open Thor once processing etc is complete

Add multiple user options.

Try and fix a problem with the Listview tabs text colour. Currently, if all
events in a list are dealt with (deleted or sent), the text remains white
until the user clicks on another list, at which point the object is redrawn
and the text changes to black (which indicates an empty list). I have spent
many hours trying to solve this problem in an elegant manner. I could close
and reopen the window (not really, it's very inelegant). Or I could auto-
matically change the displayed list, forcing a redraw. Of course the real
answer is to learn more about custom classes and figure out how to do it
properly. Anyway, it is a problem and I am well aware of it. Of course, if
anyone has any suggestions, I'm all ears.

Add Locale support (another area I don't fully understand yet). :(

Fix all the bugs that you, the users find :)

Any other suggestions?

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 II will be available on my website:

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

I will upload the latest (bugfixed/enhanced) version to Aminet.

I will post a message on the Thor mailing list whenever an update is
available.

1.13 Credits

Credits

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

GoldED Release 4 (4.7.2) Registered

All Rights Reserved.

© 1996-97 Dietmar Eilert

SAS/C Development System, V6.58

© 1988-96 SAS Institute Inc.

MUI - Magic User Interface

© 1992-97 Stefan Stuntz

NList.mcc

ProcessEvents II is for use with:

Thor V2.5a (Should work with V2.x + but not tested)

Thanks to the following people for testing and/or suggestions or just taking

the time to send me an email telling me what they think.

(in no particular order):

Tom Christensen

Marco De Vitis

Per Gustav Ousdal

Kipling Cooper

Kevin Cowans

Kirk Strauser

Ed Barcik

Jonas Thorell

Rand R. Fredricksen

'thundercat'

1.14   Contacting the author

Author

Please send an E-Mail if you like ProcessEvents II 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@ebrown.demon.co.uk

I have written a few AREXX scripts for Thor:

ProcessEvents.br (The AREXX version)

AutoSend.br

SortEvents.thor

ThorFTP.br

Thor_GMSPoll.thor

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

these and other AREXX scripts.