MailBox

Mark Rigby-Jones

	COLLABORATORS		
	TITLE : MailBox		
ACTION	*NAME*	*DATE*	*SIGNATURE*
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NUMBER	DATE	DESCRIPTION	NAME

Contents

Chapter 1

MailBox

1.1   MailBox for Directory Opus 5.5

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                                MailBox for Directory Opus 5.5
                      by Mark Rigby-Jones


            Introduction

                Usage

            Configuration

            Thanks to...

        Other information

            The author
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1.2   MailBox : Introduction

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                        Introduction to MailBox
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Mailbox is an ARexx module for Directory Opus 5.5 which creates a MailBox
AppIcon on your DOpus5 screen. You can specify different icons for empty
mailbox, old and new mail. The icon text gives information about the size of
the mailbox or number of new emails, and more details are available via the
pop-ip menu. You can also define actions for the arrival of new mail and
double-clicking of or dropping files on the icon.

Advantages

 * Displays plenty of information about your mailbox either in the icon text
   or via a requester.
 * Because it's simply a matter of editing the script, the actions (and indeed
   all other aspects of the program) are highly configurable and flexible,
   although you will need some knowledge of ARexx to get the best from it.

Disadvantages

 * Relies on your local mail delivery system sending a message to some message
   port every time a new email is recieved.
 * Does not automatically notice changes in mailbox size.

1.3 MailBox : Usage

                                   Using MailBox

To install MailBox, simply copy the supplied icons to DOpus5:Icons and the
script to DOpus5:Modules. This should immediately pop up an AppIcon displaying
an empty mailbox and install an internal Opus command which allows you to
control the program. To get it to do anything useful, you'll now need to edit
the
                  configuration
                   within the script.

MailBox Close/S

This internal Opus command has three possible actions:

 * Open the MailBox appicon if it is not already open.
 * Refresh the mailbox size if the icon is open.
 * If the Close switch is supplied, close an open appicon.

Mouse Actions

Double-clicking on the MailBox appicon will refresh it, including resetting
the count of new emails recieved to 0. You can also define other actions (such
as loading your mailer) to be carried out by editing the script appropriately.
You can also define actions to be carried out when files are dropped onto the
appicon.

Pop-up Menu

Close   Remove the MailBox appicon.
Information... Pop up a requester with more information about your mailbox.

Snapshot   Snapshot the appicon's position and lock state.
Un-Snapshot   Removes the snapshot information.

Lock   Lock the appicon so that it cannot be moved.
Un-Lock   Allow the icon to be moved again.

Refresh   Refresh the mailbox size information.
Mailer...   Perform the same action as a double-click.

1.4 MailBox : Configuration

Configuring MailBox

The basic configuration of MailBox is done by editing the four sections of the
ARexx script which are contained with in pairs of long comment lines. The
first of these sets up the locations of various files, the message port to
monitor and some startup defaults. The other three sections are used to define
the actions to be carried out on various events.

Settings

MailFile   This should be set to the location of your mailbox to which new
            mail is appended, for example HOME:Mail/<username>

EmptyIcon   This is the image to be used when your mailbox is empty (ie OK in
            size or non-existant) The .info suffix should not be
            given.
OldIcon   This is the image to be used if your mailbox is non-empty, but you
            have no new mail. The .info suffix should not be given.
NewIcon   This is the image to be used if you do have new mail. The .info
            suffix should not be given.

MailPort   This is the name of the message port to be monitored for messages
            notifying the arrival of new email. The default is 'T:MailRdy',
            which works with SMTPd/SMTPPost from INetUtils on AmiNet, and may
            work with other systems.

SnapFile   This is the file in which MailBox stores its snapshot data.

Startup   Set this to 'yes' if you want MailBox to open it's icon when Opus
            is started, or 'no' if you do not.
ILock   Set this to 1 if you want the MailBox icon to be locked (immobile)
            initially, or 0 if you do not. This will be overidden by any
            previous snapshot.

New Mail

In this block you can define code which will be executed every time you
recieve a new piece of email (ie a message is recieved and the size of your
mailbox file has increased). For example, you can make Opus play an apropriate
sampled sound.

Go To Mailer

This block of code will be executed whenever you double-click on the appicon
or select the 'Mailer...' item from the pop-up menu. The intention is that
this should be used to load or bring to the front your email program.

Files Dropped on AppIcon

Here you can set up code do be run when a file or files are dropped on The
MailBox appicon. This could then tell your mail program to open these as
mailboxes or add them as includes to the email currently being composed, or
maybe even both.

1.5   MailBox : Thanks to...

                          The author would like to thank...

Jonathan Potter & GP Software for producing Directory Opus 5.5

Leo 'Nudel' Davidson whose IntelOutside module was the starting point for
MailBox and was sufficiently rabid about Opus that I was convinved to buy it
in the first place ;-)

The person who created the original MailBox icons from which I removed the
background to create the ones included (sorry, but I don't know where I got
them, so I don't have a name)

1.6   Mailbox : Other stuff

                              Other information

User contributions

This script is far from perfect! If you've found any bugs or have any
suggestions for other improvements, feel free to get in contact with me. I'd
like to include loads of example action sections to go with the couple of lame
ones I've done, so if you've set it up do do cool things with your email
program then send the code to be included in the next release so that others
can benefit from your hard work!

The latest version of this, and any other programs I have written, can be
found on my World Wide Web site at: http://users.ox.ac.uk/~kebl0206/mrjsw/

                    Contacting Me
                    Distribution

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SO THERE.

1.7   MailBox : The author

About the author...

This program was written by Mark Rigby-Jones, a finalist in Computation at
Keble College, Oxford University. He spends far too mich time playing around
on computers or watching Babylon 5, and what small amount of social life he
does have generally revolves around societies (especially 'sad' ones...) He
has no love life whatsoever (but is open to offers). Deducing whether or not
he has a sense of humour is left as an exercise for the reader.

Geek Code v3.1: GCS d(++) s+:-- a20 C++ UOSX+ P+++ L E+@ W+++@ N++ o+ K w(---)
!O M(--) !V PS !PE Y- PGP- t+ 5+++@ X++@ R tv+ b+++ DI+ D+ G e>++ h(!)>++ !r
!y+

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