Manual for

AE Mailer
v 1.0.0

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Contents

Introduction

Purpose of AEMailer

AEMailer is an application for automatic messaging solutions. It was created in response to requests for a pathway from Tango to SMTP, but because of its use of Apple Events it is applicable to other solutions as well.

Restrictions in unregistered version

You are allowed to send messages before registering AEMailer. However, it will add some text to the end of your messages, telling the receiver that you have not paid.

License

Shareware

AEMailer is shareware and is therefore licensed on an "as is" basis. No responsibility is taken by its licensors as to its operation. It may not be distributed or sold without the expressed written consent of its licensors.

Trademarks

Tango is a trademark of EveryWare Development Corporation.

Apple and Macintosh are trademarks of Apple Computer Inc, registered in the United States and other countries.

PowerPC is a trademark of International Business Machines Corporation.

Installation

Requirements

You need a Apple Macintosh computer equipped with the following:

- 68xxx or PowerPC processor (AEMailer runs in emulated mode).
- About 1 MB of disk space for the AEMailer application and the preferences file.
- 1400 kB of RAM.
- Installed IAC architecture (available by default in System 7 and higher).
- TCP/IP (classic or Open Transport).
- A connection to a SMTP–server (via TCP/IP).

AEMailer does not need an Internet connection, as long as you run a TCP/IP network.

Installing

1. Copy the AEMailer application to any folder on the machine that is going to do automatic messaging.

2. If you want the program to start automatically, put an alias in the Start Up Items–folder that resides in the System–folder.

AEMailer needs at least 1400 kB RAM assigned and does not benefit from more, which means that you safely can run on the default memory settings (minimum 1400, recommended 1400).

Setup

1. Start the program by **double–clicking (or similar) on the AEMailer icon**.

AEMailer does not display any windows after startup.

2. The setup dialog will appear automatically if AEMailer has not been run on the machine before.

3. Enter the address of preferred SMTP server and the administrator's email address. The administrator account is the account that will receive error messages and such from AEMailer.

4. Click OK. AEMailer searches for the selected machine and checks for the presence of a SMTP server (on port 25). Please note that it can take several minutes to perform this check, depending on the SMTP server's timeouts!

If AEMailer for some reason can not find the server at the specified address or the can not verify the Administrator's Address, it will tell you so, and after that allow you to reenter the address. If you can not get it to connect, click the Quit AEMailer button and check for the availability and operability of the SMTP server you tried to reach.

The address of the SMTP server will be saved in a preferences file for future referencing.

In order to change the setup of AEMailer, **Select Set Mail Server...** from the File menu.
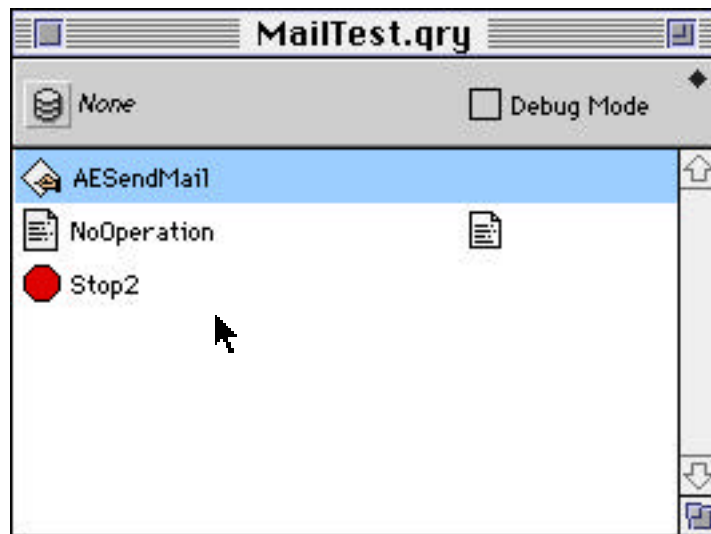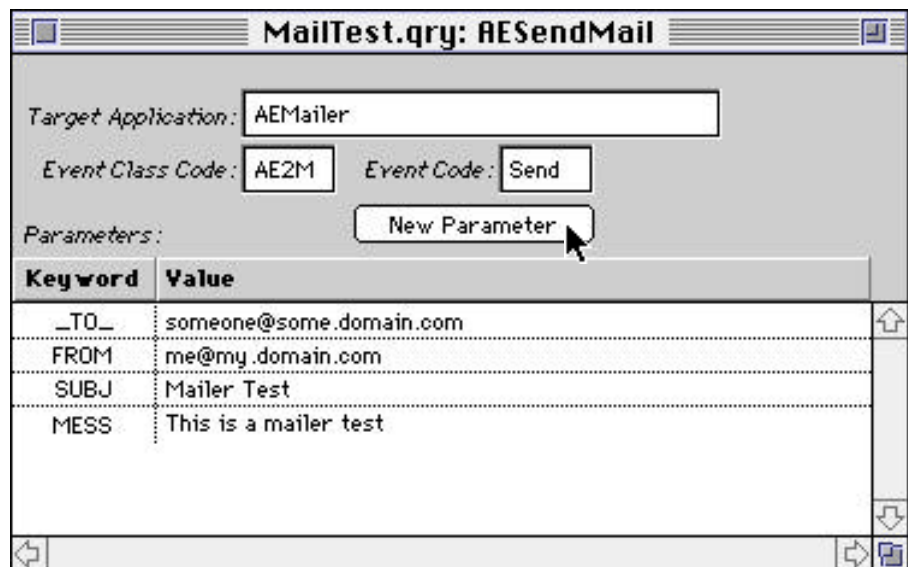
Sending a message

General

You transmit a message by sending a SendMail event to the AEMailer application. The SendMail event consists of four direct text string parameters (Sender, Recipient, Subject and Message) corresponding to the standard SMTP[1] format.

Sending via Tango™ — a simple example

1. Create a query with the Tango editor, similar to this:

2. Set up the Apple Event like this:

The value of any of the parameters in the Apple Event Action can be defined through an Action Result. For more info about this, see your Tango manual.

For more complete information about the SendMail event parameters, see the topic *Reference to the SendMail* suite below.

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[1] RFC 821 "Simple Mail Transfer Protocol"

Reference to the SendMail suite

SendMail — send a message

The SendMail Apple event sends a message specified in the direct parameters.

For more information about Apple events and related topics, see *Inside Macintosh: Interapplication Communication* (IM:IAC)[2] .

Event Class	'AE2M'	
Event ID	'Send'	
Parameters		
'FROM'	Description:	The address of the sender in standard SMTP format.
	Descriptor Type:	typeChar
	Required?	Required
'_TO_'	Description:	The recipient of the message in standard SMTP format.
	Descriptor Type:	typeChar
	Required?	Required
'SUBJ'	Description:	The message's subject in standard SMTP format.
	Descriptor Type:	typeChar
	Required?	Required
'MESS'	Description:	The message text/body in standard SMTP format[3] . Carriage return will get filtered to Unix line feed and carriage return, but no other filtering will be done by AEMailer. Please note that AEMailer does not currently support ESMTP, which means that 8–bit characters might get stripped in the mail transfer process, depending on the SMTP servers the message will pass.
	Descriptor Type:	typeChar
	Required?	Required

Descriptor types

typeChar	'TEXT'	Unterminated string. This is a standard Apple Event Manager descriptor type.

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[2] IM can be found online in html format at <http://devworld.apple.com/> or in Acrobat format on the developer CDs.
[3] See RFC 822 SMTP Message format

Register AEMailer

A note about the registration procedure

The process of registering AEMailer is irreversible, therefore, **please make a backup copy** of your AEMailer program before starting.

AEMailer has a unique serial number, which gets printed on the registration form that you send us, alongside the payment. We will create a key file and send it back to you.

Phase one — initialising the registration

1. NOTE: Before starting the registration, **save a copy of AEMailer** to a safe place.

2. Select *License AEMailer* from the *Register* menu

3. Click the *Register* button.

4. **Enter your name and address** in the text-box. Don not mess anything up, as this information will be saved in your program, and can not be modified later!

5. **Click Print** in order to create a serial number and print the registration form. The number at bottom left of the registration form is your serial number.

6. **Mail, fax or email the registration form to AmeriSwede along with payment**. Please indicate how you want to receive your enabler file; via email or via snail mail.

Select *About…* in order to see your serial number, and the status of your registration. It is possible to print the registration form again, should you want to do so, by opening the Registration dialog again.

Phase two — waiting for the key file

Well, there is not that much you can do in this stage, is it?

As stated previously, the About box will display a text indicating your pending registration status, as well as your serial number.

Phase three — enabling the application

1. You receive a key file, either via email or via snail mail, as requested in your registration.

AEMailer Key #778765226

2. Drop the key file on the AEMailer program icon.

If the serial numbers does not match, the AEMailer application will inform you of this. If the serial number matches AEMailer will thank you for registering.

From now on, no strange trailing text will be added to your mailings!

AEMail Sender

Introduction to AEMail Sender

AEMail Sender is an application that is bundled for the purpose of testing the function of AEMailer. AEMail Sender is really provided "as is", and will not be supported in any way by AmeriSwede! We have used this application as an in–house tool during the development of AEMailer.

Installation

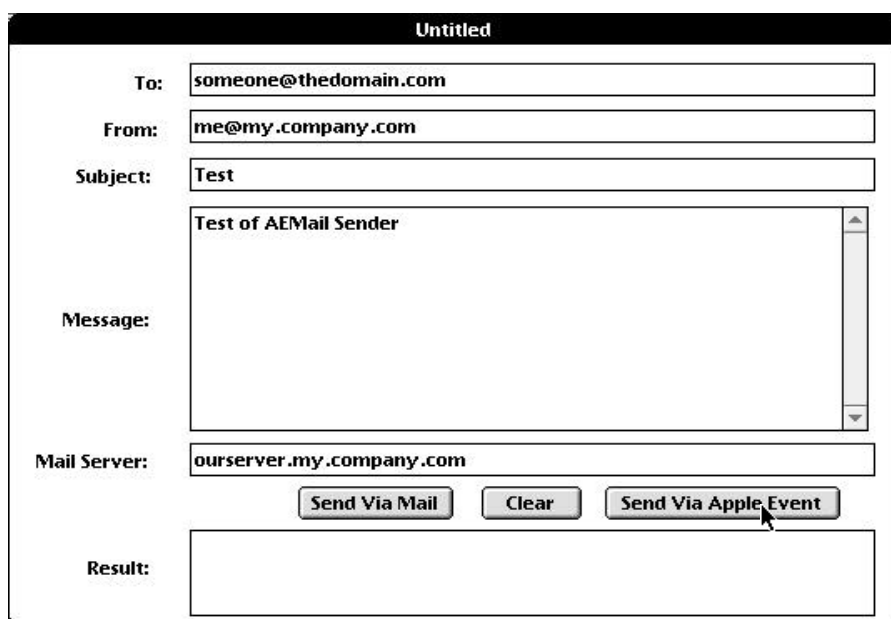Copy AEMail Sender to a preferred location on the system running AEMailer.

Using

1. **Start AEMail Sender** by clicking on it's icon.

AEMail Sender

The following window appears:

Untitled	
To:	someone@thedomain.com
From:	me@my.company.com
Subject:	Test
Message:	Test of AEMail Sender
Mail Server:	ourserver.my.company.com
	Send Via Mail Clear Send Via Apple Event
Result:	

2. **Enter data in the four first text fields**, To/From/Subject/Message

3. To test the AEMailer application, **click Send Via Apple Event**.

4. To test the SMTP server, fill in the text field Mail Server and click **Send Via Mail**.

The result code of the SMTP test will be displayed in the Result: field. If you click the Result field it will be cleared.

Version history

1.0.0 Initial release

Known bugs and "features"

Really, there are no bugs, just a couple of features…

- Doesn't support OSA (Open Scripting Architecture).

- On a Power Macintosh 7200 with Open Transport 1.0 and 1.1, AEMailer cannot find the SMTP server if it is running on the same machine as AEMailer. This appears to be an Open Transport bug and we are working with EveryDay Objects, and they with Apple, to resolve the problem.

- We have gotten one report about the registering dialog not being able to print, but can not reproduce this.

Developers thoughts on what to do in the future

Here are a couple of ideas about what can be done with AEMailer in the future (if we get enough shareware registrations to justify further development):

- Support the Apple Mail suite and the AE document mechanism. This makes it possible to compose more advanced messages from Tango and other applications.

- Support OSA (Open Scripting Architecture).

- Make it an FBA, with a GUI setup client application. This prepares AEMailer for System 8.

- Support for the ESMTP[4] format.

- Support for more mail-transport mechanisms (QM, PowerTalk? Someone in need of something else?).

Contact information

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[4] RFC 1870, 1871 etc