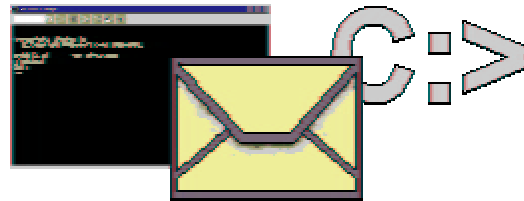


# C-MAIL

Command Line SMTP E-Mail



User Manual

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## Setup

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### Hardware Requirements

Pentium 133, 32Mb RAM, Network Interface Card.

### Software Requirements

Windows 9x/Me or Windows NT/2000, TCP/IP network connection.

### Installation Procedure

**STEP 1:** Run the application setup program provided (following all prompts).

**STEP 2:** Edit CMAIL.INI to reflect your server settings and create any INI batch files necessary for repeatable tasks.

### Testing

Run C-Mail using either its console mode or INI batch mode and check the appropriate mail account to insure it has received the email. If the email is not received in an appropriate amount of time, re-check your configuration.

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## Application

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### Functionality

C-Mail provides the ability for command line access to the SMTP email protocol. Without C-Mail, sending email from automated process and batch routines may prove difficult or impossible. With C-Mail, notifications of batch style jobs and even generated logs and files may be sent in an automated fashion.

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### Technical Overview

C-Mail exposes a command line (DOS-Prompt) interface as well as a configurable INI batch interface for the processing and sending of SMTP email.

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## Features

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### Command Line Interface

Fully configurable for single-use messages from its command line interface.

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### INI Jobs

Pre-defined settings can be setup by using a standard INI file. This also allows for “canned” email jobs for C-Mail to send (such as a weekly log file that must be sent to a group of administrators) and allows for those settings to be duplicated between machines easily.

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### Logging

Optional logging for all failures to aid in system diagnostics.

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## Definitions

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### SMTP Email

Standard internet mail (Simple Mail Transfer Protocol). This is the standard for use on the internet for the sending of email messages. SMTP differs from proprietary interoffice email packages that C-Mail can not send to (most proprietary packages now allow for SMTP extensions which C-Mail can use).

## User Procedure & Navigation

### Command Line Interface

A simple and direct interface to C-Mail is through the command line interface. Command line is simply the command you use to start C-Mail (i.e. C:\C-Mail\CMail.exe). By adding “switches” to the end of the command, you can control the way C-Mail starts.

### Command Line Switches

/A:<att1;att2>	Attachments (filenames separated by ';')
/AF:<file name>	'TO:' addresses from file
/CON	Start interactive console mode
/DS:<0/1>	Delete attachments after successful send
/FA:<address>	'FROM:' email address
/FN:<name>	Optional, 'FROM:' proper name
/I:<file name>	INI file to use for settings
/L:<0/1>	Logging enabled
/M:<text>	Email message
/MF:<file name>	Email message from file
/MP:<1,2,3>	Message priority
/MS:<SMTP mail server>	IP address of SMTP Server
/O:<organization>	Organization
/P:<port number>	SMTP port number (default to 25)
/R:<retries>	Number of retry attempts (default to 1)
/RA:<address>	Receipt email address
/RN:<name>	Optional, receipt proper name
/RP:<password>	SMTP relay password
/RU:<user>	SMTP relay user name
/S:<subject>	Email subject line
/T:<seconds>	Timeout value for SMTP send
/TA:<address>	'TO:' email address
/TN:<name>	Optional, 'TO:' proper name
/?	Display this help screen

### Interactive Console Mode

By selecting the /CON command line option, the interactive console mode is invoked. Console mode can be a very handy tool, not as unwieldy or cryptic as command line mode, console mode prompts for each setting using the selected INI file (or CMAIL.INI if none specified) as default settings. As each setting is displayed its default value is shown in square brackets “[ ]” and may be selected by simply hitting [ENTER] with no value typed in. Console mode allows for slight modifications to predefined jobs to be completed without resorting to editing the INI files.

## INI Job Interface

Pre-defined settings can be setup by using a standard INI file. This also allows for “canned” email jobs for C-Mail to send (such as a weekly log file that must be sent to a group of administrators) and allows for those settings to be duplicated between machines easily. Batches are created by making simple ASCII text files with the appropriate entries and starting C-Mail with the “/I” switch explained above. Lines beginning with a semicolon are not processed and can be useful for documenting the particular functionality of an INI file.

## INI Entries

MAILSERVER	The address of your SMTP server. This can be either a complete IP address (111.111.111.111) or a fully formed proper name (mail.domain.net).
SMTP_PORT	The port at which your SMTP mail server accepts e-mail, the default is 25.
TIMEOUT	Server timeout in seconds, used to avoid a perpetual wait.
RETRIES	The number of attempts C-Mail should make, when attempting to send a message, before considering the mail send a failure.
USER	If the SMTP server used requires authentication, this is the user name C-Mail will use when authenticating.
PASSWORD	If the SMTP server used requires authentication, this is password C-Mail will use when authenticating.
LOG	Value set to 1(on) or 0(off) (OFF by default) as to whether C-Mail will write an error log (suggested when mission critical messaging).
FROM_NAME	The proper name that will appear in the “From” field of the email (Joe Smith).
FROM_ADDRESS	The email address that will appear in the “From” field of the email (Jsmith@domain.com).
TO_NAME	The proper name that will appear in the “To” field of the email (Mark Jones).
TO_ADDRESS	The email address that will appear in the “To” field of the email (Mjones@domain.com). Multiple addresses may be used by concatenating them together with semicolons “;”.
RECEIPT_NAME	The proper name used for mail-received receipts (Mark Jones).
RECEIPT_ADDRESS	The email address used for mail-received receipts (Mjones@domain.com). Multiple addresses may be used by concatenating them together with semicolons “;”.
ADDRESSFILE	External file containing email addresses used in the “TO:” field (one address per line, simple ASCII).
PRIORITY	3=regular, 2=urgent, 1=emergency.
ORGANIZATION	Sender’s organization.
SUBJECT	The “Subject” field of the email.
MESSAGE	The text message contained in the email itself. Line breaks can be added by inserting “/n” (no quotes).
MESSAGEFILE	External file used as message text (simple ASCII).
ATTACHMENTS	Any file that should be attached to the sent message. Multiple files may be sent by concatenating them together with semicolons “;”.
DELETEAFTERSEND	Optional, delete attached files after send (1=yes, 0=no, default=no).
ATTACHMENTS	Semi-colon delimited list of files to attach to message. File masks (*, ?) allowed.

## Sample INI file

```
MAILSERVER=127.0.0.1
SMTP_PORT=25
TIMEOUT=3
RETRIES=2
USER=johndoe
PASSWORD=secretword
LOG=1

FROM_NAME=John Doe
FROM_ADDRESS=jdoe@test.com

TO_NAME=Jane Smith
TO_ADDRESS=jsmith@test.com

RECEIPT_NAME=John Doe
RECEIPT_ADDRESS= jdoe@test.com

ADDRESSFILE=maillist.txt
PRIORITY=1

ORGANIZATION=TestCo
SUBJECT=Hello
MESSAGE=Here's the information you requested;/n/n
MESSAGEFILE=test.txt
DELETEAFTERSEND=0

ATTACHMENTS=stuff.zip;otherstuff.zip;morestuff.zip
```



## Error Level Checking

No matter what mode C-Mail is used in, when it exits, C-Mail will set the DOS errorlevel variable. The errorlevel variable can be used to add logic or failsafe procedures when automating the use of C-Mail. Below is a sample BAT file that demonstrates the usage of the errorlevel variable.

```
@echo off

CMAIL
if errorlevel 3 goto ERR3
if errorlevel 2 goto ERR2
if errorlevel 1 goto ERR1

:NO_ERROR
echo.
echo Error Level 0, Everything is OK
GoTo DONE

:ERR1
echo.
echo Error Level 1, Fatal program error
GoTo DONE

:ERR2
echo.
echo Error Level 2, ESC or CTRL-C to leave a console mode session
GoTo DONE

:ERR3
echo.
echo Error Level 3, Mail send error
GoTo DONE

:DONE
echo done
```