



fake sendmail for windows

fake sendmail
© 2004-2010 byron jones
bsd license
glob.com.au/sendmail
sendmail@glob.com.au

home
http_filter
sendmail
gumi
gum
demosaver
kidsmenu

about

sendmail.exe is a simple windows console application that emulates sendmail's "-t" option to deliver emails piped via stdin.

it is intended to ease running unix code that has /usr/lib/sendmail hardcoded as an email delivery means.

it doesn't support deferred delivery, and requires an smtp server to perform the actual delivery of the messages.

install

- [download sendmail.zip](#) and unzip its contents
- copy `sendmail.exe` and `sendmail.ini` to `\usr\lib` on the drive where the unix application is installed
eg. if your application is installed in `c:\bugzilla`, `sendmail.exe` and `sendmail.ini` need to be copied to `c:\usr\lib\sendmail.exe` and `c:\usr\lib\sendmail.ini`.
- configure smtp server and default domain in `sendmail.ini`

using fake sendmail

generally all you need to do is install sendmail.exe in \usr\lib, and existing code that calls /usr/lib/sendmail will work.

if you're coding new applications, all you need to do is construct your email message with complete headers, then pipe it to `/usr/lib/sendmail -t`

for example, to use fake sendmail from the command line:

```
@ECHO OFF
REM send email from command line via SMTP with sendmail

ECHO From: byron@example.com > %TEMP%\temp.mail
ECHO To: someone-else@example.com. >> %TEMP%\temp.mail
ECHO Subject: this is a test >> %TEMP%\temp.mail
ECHO.>> %TEMP%\temp.mail
```

stuff

donate
twitter
resume

```
ECHO testing. >> %TEMP%\temp.mail
ECHO blah blah.. >> %TEMP%\temp.mail
ECHO. >> %TEMP%\temp.mail
ECHO blah. >> %TEMP%\temp.mail

sendmail -t < %TEMP%\temp.mail

DEL %TEMP%\temp.mail
```

note **ECHO.** puts a blank line in the file, not a line with a single period on it.

note: if you have IIS installed, you can send emails without any third party programs (you do NOT need my sendmail wrapper).

```
@ECHO OFF
REM send email from command line via IIS

REM change this path to point to IIS's pickup directory
SET root=c:\InetPub\MailRoot\Pickup

REM set up temp and eml filenames
IF NOT EXIST %root%\temp MKDIR %root%\temp
:setTempFileName
SET tmp=%RANDOM%
IF EXIST %root%\temp\%tmp%.tmp GOTO setTempFileName
SET eml=%root%\%tmp%.eml
SET tmp=%root%\temp\%tmp%.tmp

REM build the email. ^ is the escape character
ECHO From: bob.smith@example.com> %tmp%
ECHO To: sally.jones@example.com>> %tmp%
ECHO Subject: Example>> %tmp%
ECHO Content-Type: text/html>> %tmp%
ECHO.>> %tmp%
ECHO ^<b^>This is a test^</b^>>> %tmp%

REM move the temp file into the pickup directory for delivery
RENAME %tmp% %eml%
```

alternatives

[msmtp](#) is an excellent open-source sendmail replacement.

while it's possible to send email from the command line or a batch file using fake sendmail, [blat](#) is a fantastic open-source utility which will allow you to easily send emails with attachments.

troubleshooting

range check error

i've had a few reports of sendmail returning a "range check error". i have tracked this to a bug in the indy sockets library and it has been fixed in version 18.

socket error # 10053 software caused connection abort

some anti-virus products limit what applications are allowed to send mail via port 25 (SMTP). ensure that sendmail.exe is in your list of approved applications.

socket error # 11004 valid dns name - no data record of requested type

socket error 11004 means that the dns server which sendmail is talking to does not have a record of the appropriate type for the computer name which it was looking up.

this can happen if the dns server is currently incorrectly configured (check with your isp, or whoever is running the dns server you are using) or because you should be using a different computer name which would have an a record defined.

in some cases it can also happen because you are using the incorrect dns server addresses (eg using the dns servers of one isp when you are dialing into a second isp).

550 relaying denied, 572 relay not authorized, 554 relay access denied

it means that you have been denied access to that smtp server by its administrator. administrators prevent abuses of their smtp relay servers by requiring that you send e-mail only from a computer connected to their network, or that you use some type of authentication.

talk to the server's administrator and ask what are the requirements for connecting to the server. sometimes, the server may need to be reconfigured.

errorlevel

sendmail sets the ERRORLEVEL to 0 when successful.

versions prior to version 28 set the ERRORLEVEL to 1 if the email was unable to be delivered. version 28 and high set the ERRORLEVEL to -1 if the email was unable to be delivered.

the value was changed to provide better compatibility with PHP, which expects the ERRORLEVEL to be -1 on failure. should you require an updated version which sets the ERRORLEVEL to 1, don't hesitate to let me know.

debug logging

uncomment the `debug_logfile` entry in `sendmail.ini` resend a failed message. this should create `debug.log` in the same directory as `sendmail.exe` showing the complete SMTP transcript.

help and support

if you require assistance in setting up sendmail, please [follow the directions on the help page](#).

license and source

this program is released under the [bsd license](#).

the license details and [full source](#) (delphi 2007) are included in the zip.

version history

version 32 (18 june 2011)

- fix handling of invalid recipients

version 31 (15 sep, 2010)

- fix encoding of 8-bit data

version 30 (30 aug, 2010)

- update to latest indy version (fixes many issues)
- add about/version

version 29 (sep 8, 2009)

- fix for another indy 10 "range check error" (when using ssl)

version 28 (aug 12, 2009)

- set ERRORLEVEL to -1 to assist php

version 27 (aug 3, 2009)

- don't treat log write errors as fatal

version 26 (apr 1, 2009)

- no longer require -t parameter
- skip first line if it starts with "from " (mail spool delimiting line)

version 25 (mar 29, 2009)

- added force_recipient

version 24 (dec 2, 2008)

- fixes for ssl

version 23 (apr 24, 2008)

- fix timezone in date header

version 22 (jan 14, 2008)

- fixes to error handling

version 21 (jan 2, 2008)

- added TLS support

version 20 (apr 3, 2007)

- fixed race condition in IIS's pickup delivery

version 19 (jul 24, 2006)

- added support for delivery via IIS's pickup directory

- optionally reads settings from the registry (in absense of the ini file)

version 18 (may 1, 2006)

- fix for indy 10 "range check error"

version 17 (nov 2, 2005)

- only process message header
- optionally use madexcept for detailed crash dumps

version 16 (sep 12, 2005)

- send hostname and domain with HELO/EHLO
- configurable HELO/EHLO hostname
- upgraded to indy 10

version 15 (aug 23, 2005)

- fixes error messages when debug_logfile is not specified

version 14 (jun 28, 2005)

- errors output to STDERR
- fixes for delphi 7 compilation
- added 'connecting to..' debug logging
- reworked error and debug log format

version 13 (jun 8, 2005)

- added fix to work around invalid multiple header instances

version 12 (apr 30, 2005)

- added cc and bcc support

version 11 (feb 17, 2005)

- added pop3 support (for pop before smtp authentication)

version 10 (feb 11, 2005)

- added support for specifying a different smtp port

version 9 (sep 22, 2004)

- added force_sender

version 8 (sep 22, 2004)

- **really** fixes broken smtp auth

version 7 (sep 22, 2004)

- fixes broken smtp auth

version 6 (sep 22, 2004)

- correctly quotes MAIL FROM and RCPT TO addresses in <>

version 5 (sep 16, 2004)

- now sends the message unchanged (rather than getting indy to regenerate it)

version 4 (aug 17, 2004)

- added debug_logfile parameter
- improved error messages

version 3 (jul 15, 2004)

- smtp authentication support
- clearer error message when missing from or to address
- optional error logging
- adds date: if missing

version 2 (jul 6, 2004)

- reads default domain from registry (.ini setting overrides)

version 1 (jul 1, 2004)

- initial release