Sendmail 8.8.6 konfigurieren

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Inhalt

Überblick

1. Programme

`sendmail`: Der Mail Transfer Agent.

`rmail`: Gateway von `uucp`-Mail zu `sendmail`.

`mailq`: Zeigt die Mail Queue an.

`mailstats`: Zeigt Mail-Statistiken an.

`makemap`: Wandelt Textfiles in die verschiedenen Datenbank-Formate um.

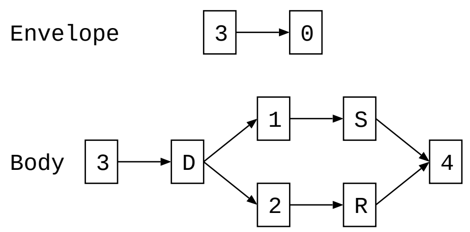
`newaliases`: Wandelt das/die Alias-File(s) (meist `/etc/aliases`) in das Db-Format um.

`praliases`: Zeigt alle System-Aliase an.

Master Konfiguration

2. Stuktur der MC

VERSIONID
OSTYPE
DOMAIN
FEATURE
local macro definitions
MAILER
LOCAL_CONFIG
LOCAL_RULESET_*
MAILER_DEFINITIONS
LOCAL_RULESETS



Master Konfiguration

```
VERSIONID(`$ID$')
OSTYPE(linux)dnl
FEATURE(use_cw_file)dnl
FEATURE(redirect)dnl
FEATURE(local_procmail)dnl
define(`confQUEUE_LA', `4')dnl
define(`confREFUSE_LA', `8')dnl
define(`confMAX_DAEMON_CHILDREN', `8')dnl
define(`confCONNECTION_RATE_THROTTLE',
                              `10')dnl
define(`confUNSAFE_GROUP_WRITES',
                              `True')dnl
MAILER(local)
MAILER(smtp)
LOCAL_CONFIG
# reject the following hosts
F{rejectconn}/etc/sendmail.rejectconn
```


Rewriting Rules

Sn	*ruleset n*
Rlhs `<TAB>` rhs `<TAB>` comments	rule

3. The left hand side

`$*`	match $\geq$ 0 tokens
`$+`	match $\geq$ 1 tokens
`$-`	match exactly 1 token
`$=`*x*	match any phrase in class *x*
`$~`*x*	match any word *not* in class *x*

4. The right hand side

`$`*n*	ersetze durch *n*-ten `$`-Ausdruck
`$[`*name*`$]`	canonifiziere *name*
`$>`*n*	Aufruf von Ruleset *n*

`$(`*map key* `$@` *arguments* `$:` *default* `$)`
`$#`*mailer* `$@`*host* `$:`*user*

Master Konfiguration

```
LOCAL_RULESETS
# reject everybody given in class ${rejectconn}; accept
# even partial entries, e.g. .dom.ain, 128.130.39.
Scheck_relay
R$* $={rejectconn} $| $*        $# error $@ 4.7.1 $:
                              "471 Access denied by name"
R$* $| $={rejectconn} $*        $# error $@ 4.7.1 $:
                              "471 Access denied by addr"
R[ $* ] $| $*                   $# error $@ 4.7.1 $:
                              "471 DNS Reverse lookup failed"
R$* $| $@                       $# error $@ 4.7.1 $:
                              "471 No Address. Hmmm."
```


Konfiguration erstellen

- Erstellen einer Master-Konfiguration (z.B. `myhost.mc`)
- Editieren von `Makefile`:

```
...
ALL= ... myhost.mc
...
all: myhost.cf
...
```

- Aufruf von: `pmake myhost.cf`
- `cp myhost.cf /etc/sendmail.cf`
- `Sendmail` terminieren und wieder starten.

Zusammenfassung

Es war doch ganz einfach.

Das Ergebnis (aus S3)

```
...
# strip group: syntax (not inside angle brackets!) and trailing semicolon
R$*                     $: $1 <@>                       mark addresses
R$* < $* > $* <@>       $: $1 < $2 > $3                 unmark <addr>
R@ $* <@>               $: @ $1                         unmark @host:...
R$* :: $* <@>           $: $1 :: $2                     unmark node::addr
R:include: $* <@>       $: :include: $1                 unmark :include:...
R$* [ $* : $* ] <@>     $: $1 [ $2 : $3 ]               unmark IPv6 addrs
R$* : $* [ $* ]         $: $1 : $2 [ $3 ] <@>           remark if leading colon
R$* : $* <@>            $: $2                           strip colon if marked
R$* <@>                 $: $1                           unmark
R$* ;                      $1                           strip trailing semi
R$* < $* ; >               $1 < $2 >                    bogus bracketed semi
# null input now results from list:; syntax
R$@                     $@ :; <@>
# strip angle brackets -- note RFC733 heuristic to get innermost item
R$*                     $: < $1 >                       housekeeping <>
R$+ < $* >                 < $2 >                       strip excess on left
R< $* > $+                 < $1 >                       strip excess on right
R<>                     $@ < @ >                        MAIL FROM:<> case
R< $+ >                 $: $1                           remove housekeeping <>
...
```