

Debugging mit rawlog

- rawlog kann gesamte POP3/IMAP-Session dumpen
 - Auch bei SSL/TLS im Klartext möglich
 - Modul rawlog als Post-Login-Script definieren
 - Verzeichnis dovecot.rawlog muß im User-Maildir existieren (und beschreibbar sein)!

```
service imap {  
    executable = imap postlogin  
}  
service pop3 {  
    executable = pop3 postlogin  
}  
  
service postlogin {  
    executable = script-login -d rawlog  
    unix_listener postlogin {  
    }  
}
```

Und was sonst noch so geht... Plugins

- Die internen Plugins von Dovecot:
 - <http://wiki2.dovecot.org/Plugins>
 - acl: Access Control Lists for mailboxes
 - autocreate: Automatically create/subscribe mailboxes when user logs in
 - expire: Delete mails from specified mailboxes after a designated number of days
 - fts: Full text search indexing
 - lazy_expunge: EXPUNGE and DELETE commands just rename the mails elsewhere
 - listescape: Allow using characters in mailbox names that would otherwise be illegal
 - mail_log: Log several mail actions
 - snarf: UW-IMAP style (mbox) snarfing
 - quota / imap_quota: Quota tracking and enforcing + IMAP-commands
 - trash: Delete mails from Trash when user would go over quota
 - virtual: Virtual mailboxes
 - zlib / imap_zlib: Access compressed mails + IMAP commands

mail_log: Ich habe die Mails nicht gelöscht

- User behaupten immer, der Server hatte Mails gelöscht
- Das Plugin „mail_log“ trackt, was der Mailclient per POP3/IMAP gemacht hat

```
mail_plugins = [...] mail_log notify [...]  
  
plugin {  
    # Events to log. Also available: flag_change save mailbox_create  
    mail_log_events = delete undelete expunge copy mailbox_delete mailbox_rename  
  
    # Also available: flags vsize from subject  
    mail_log_fields = uid box msgid size  
}
```

```
Jan 20 13:55:44 doobby2 dovecot: imap(user@example.org): expunge: box=INBOX/Drafts, uid=501,  
msgid=<1767xddsfd73jd9d73@example.org>, size=1120
```