Electronic Mail - SMTP
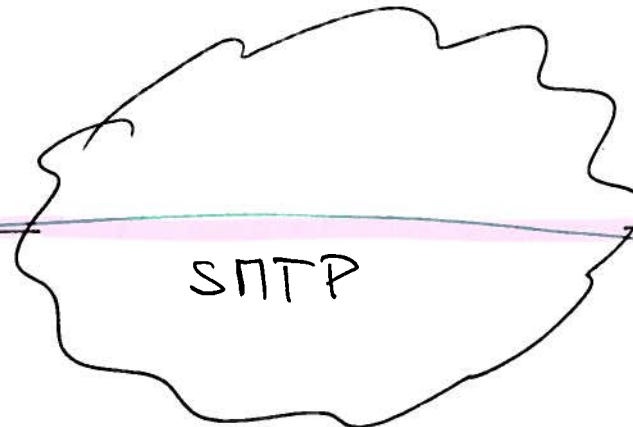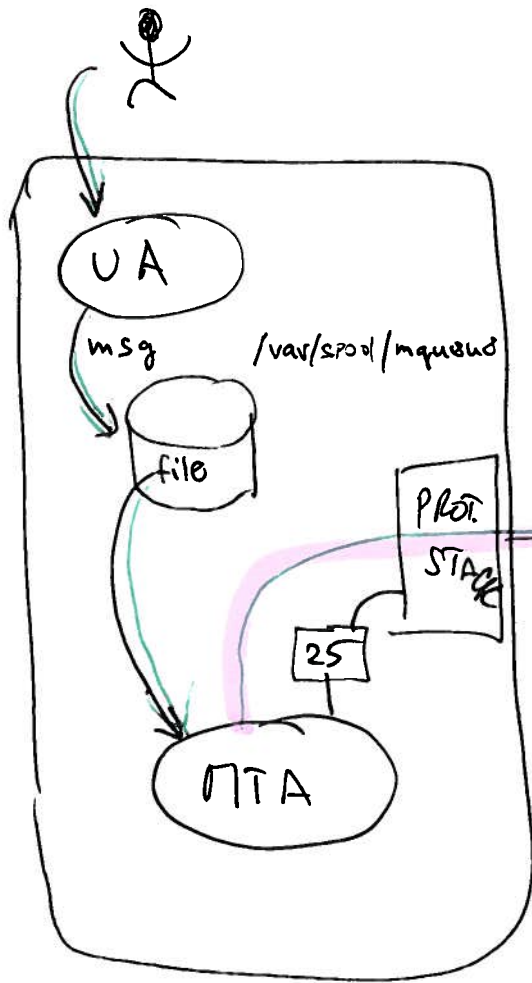
▸ Asynchronous message delivery

   – delivers robustness and reliability

▸ Two types of agents:

   – User Agent (UA)

   – Message Transfer Agent (MTA)

▸ Two types of interactions (and protocols):

   – MTA to MTA

   – UA to MTA

EMAIL DELIVERY

CASE 1: UA & MTA ON
THE SAME HOST
EG, USING PINE
ON AGATE

UA

msg   /var/spool/mqueue

file

PROT.
STACK

25

MTA

SMTP

Simple mail
transfer protocol

UA

file
inbox
/var/spool/mail

PROT.
STACK

25

MTA