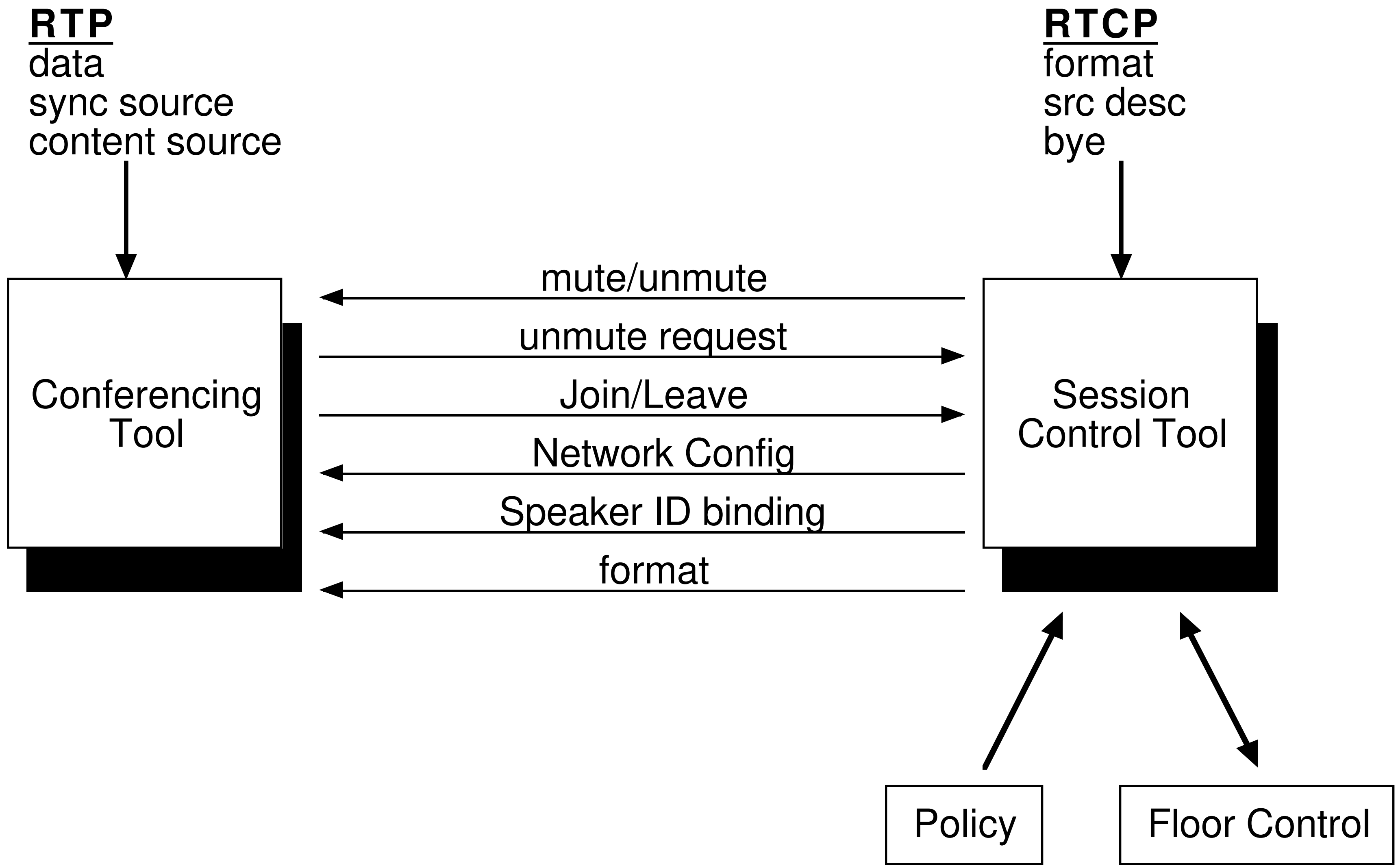
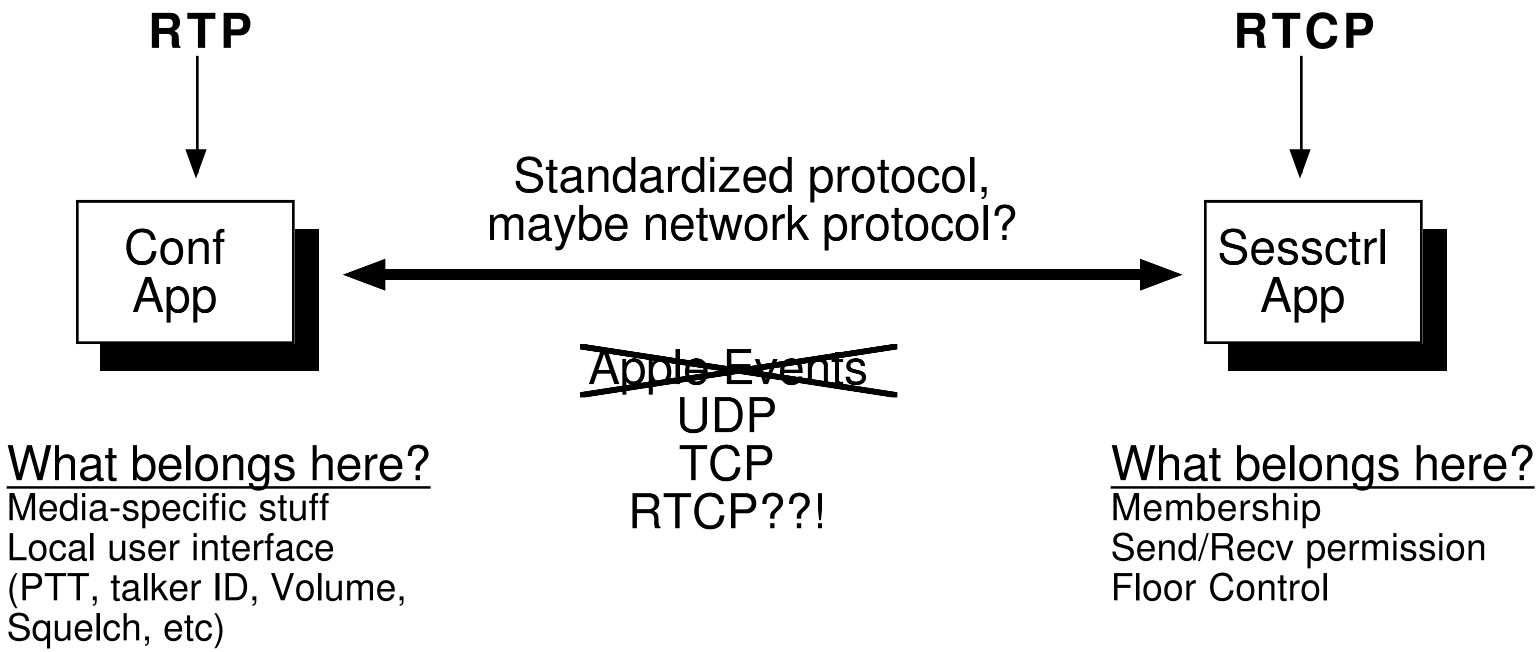
Common Protocol for Session Control Interaction





RTP
RTCP
Conf App
Sessctrl App
Standardized protocol,
maybe network protocol?
~~Apple Events~~
UDP
TCP
RTCP??!
What belongs here?
Media-specific stuff
Local user interface
(PTT, talker ID, Volume,
Squelch, etc)
What belongs here?
Membership
Send/Recv permission
Floor Control

Session Control thoughts for a non-Unix conferencing environment

- Operating System is Unique
  (Got realtime working first, now at session control "crossroads")
- Stuck in the unicast world
- Users have little access to development platforms
  (even to compile in "canned" stuff)
- Sophisticated control of hardware but no sharing or multiple copies of applications

Current Situation

RTP
data
sync source
content source

RTCP
format
src desc
bye

vat
audio
talker-ID
membership

Audio
Membership
CSRC bindings
Talker ID
PTT
•
• (and then?)
•

Floor Control
Join/Leave
Session Directory?

Maybe you want a different implementation than I do!