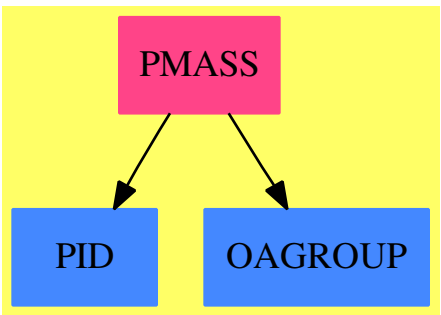
PMASS
PID
OAGROUP