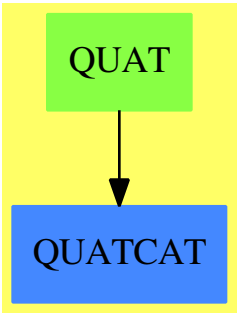
QUAT
QUATCAT