


searchMusic . selectMusic .
 ([buyToken=1](buyMusic . downloadMusic . listenMusic) +
 [buyToken=0]listenMusic) .
 ([publishToken='twitter']publishTwitter +
 [publishToken='facebook']publishFacebook)



def contract buyMusicContract{
 isAppliedTo: buyMusic;
 requires: name == ?? && password == ?? &&
 cardName == ? && cardNumber == ??;
 (onFailureDo: call(buyMusic));
 ensures : notification == 'payment ok -
 download authorized';
 paymentStatus == true;
 timeConstraint : meet(pay,sendConfirmation);

