

Task: user input charge

inward process

save computed charge bearer, charge info, customized exchange info, settlementMethod in payment additional data.

Responsibility of SettlementAmountLargerThanChargerMQHandler

move method code from ChargeAmountApiHandler here.

determineChargeAmountByAgentAndCountry

calculateEquivalentChargeAmount

Payment Additional Key: fields	value Class	Frontend use
COMPUTED_CHARGE_BEARER	: String	charge bearer
CHARGE_INFO	: ChargeInfoDTO	charges
CUSTOMIZED_EXCHANGE_DETAIL	: CustomizedExchangeDetail	exchangeDetail
STP_OUTWARD_SETTLEMENT_METHOD	: String	settlementMethod

outward process

get charge info, exchange info from payment additional data.

(1) Responsibility of ChargeAmountApiHandler

- validate customized exchange info in getCustomizedExchangeDetail(), Alert message when failed
- validate ChargeInfoDTO exist SCBKHKHH, Alert message when failed
- transfer customized exchange info into EXPU.ExchangeDetail

(2) Responsibility of UpdateExchangePositionEXPUMQHandler

- prepare to send EXPU request: use ExchangeDetail of Step 1
- create ledger record, use ExchangeDetail of Step 1

Responsibility of UpdateExchangePositionEXPUMQHandler