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public Map<String,Object> monthReport(Map<String,Object> param){
    String fromDate = param.get("fromDate").toString().replaceAll("/", "-");
    String endDate = param.get("endDate").toString().replaceAll("/", "-");
    param.put("fromDate", fromDate);
    param.put("endDate", endDate);
    List<Map<String,Object>> mapList= amzSettlementReportSummaryMonthMapper.monthReport(param);
    Map<String,Object> result=new HashMap<String,Object>();
    String currency=null;
    BigDecimal totals=new BigDecimal("0");
    BigDecimal total_other=new BigDecimal("0");
    BigDecimal totals_rmb=new BigDecimal("0");
    BigDecimal total_other_rmb=new BigDecimal("0");
    for(Map<String,Object> map:mapList){
        if(map==null){continue;}
        BigDecimal total=map.get("Total Income Expenses Tax")!=null?new BigDecimal(map.get("Total Income Expenses Tax").toString()):null;
        totals=totals.add(total);
        BigDecimal others=new BigDecimal("0");
        Date postdate=map.get("posted_date")!=null?GeneralUtil.getDate(map.get("posted_date")):null;
        currency=map.get("currency").toString();
        for(Map.Entry<String, Object> entry:map.entrySet()){
            if(entry.getKey().equals("currency")||entry.getKey().equals("posted_date")){continue;}
            if(entry.getValue() instanceof BigDecimal){
                BigDecimal value=new BigDecimal(entry.getValue().toString());
                BigDecimal
                rmb=exchangeRateHandlerService.changeCurrencyByLocal(postdate,currency,"CNY",value);
                if(result.get(entry.getKey())!=null){

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        result.put(entry.getKey(),value.add(new BigDecimal(result.get(entry.getKey()).toString())
                result.put(entry.getKey()+"_rmb",rmb.add(new
BigDecimal(result.get(entry.getKey()+"_rmb").toString())));
        }else{
        result.put(entry.getKey(),value);
        result.put(entry.getKey()+"_rmb",rmb);
        }
        if(!entry.getKey().equals("Total Income Expenses Tax")){
        others=others.add(value);
        }
        }
        }
        //-----others-----
        assert total != null;
        others=total.subtract(others);
        map.put("Others",others);
        BigDecimal
        others_rmb=exchangeRateHandlerService.changeCurrencyByLocal(postdate,currency,"CNY",others);
        map.put("Others_rmb",others_rmb);
        total_other=total_other.add(others);
        total_other_rmb=total_other_rmb.add(others_rmb);
    }
    result.put("Others",total_other);
    result.put("Others_rmb",total_other_rmb);
    BigDecimal transfer = amzSettlementReportSummaryMonthMapper.TransfersToBankAccount(param);
    result.put("Transfers to bank account",transfer);
    if(transfer!=null){
        BigDecimal
        rmb=exchangeRateHandlerService.changeCurrencyByLocal(GeneralUtil.getDatez(endDate),currency,"C
NY",transfer);
        result.put("Transfers to bank account_rmb",rmb);
    }

    BigDecimal
    transferFail=amzSettlementReportSummaryMonthMapper.FailedTransfersToBankAccount(param);
    result.put("Failed transfers to bank account",transferFail);
    if(transferFail!=null){
        BigDecimal
        rmb=exchangeRateHandlerService.changeCurrencyByLocal(GeneralUtil.getDatez(endDate),currency,"C
NY",transferFail);

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    result.put("Transfers to bank account_rmb",rmb);
}

List<String> list = getTransactionTypes();
for(String item:list){
    if(result.get(item)==null){
        result.put(item,new BigDecimal(0));
        result.put(item+"_rmb",new BigDecimal(0));
    }
}

BigDecimal total=new BigDecimal("0");
for(Map.Entry<String, Object> item:result.entrySet()){
    if(!item.getKey().contains("_rmb")){continue;}
    System.out.println(item.getKey()+" "+item.getValue());
}

return result;
}

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