

```
#!/bin/bash

# Parse commandline args
while getopts "b:e:" opt; do
    case "$opt" in
        b) BEGIN_AT=$OPTARG
           ;;
        e) END_AT=$OPTARG
           ;;
    esac
done

verifyResult () {
    if [ $1 -ne 0 ] ; then
        echo "!!!!!!!!!!!!!! "$2" !!!!!!!!!!!!!!!"
        echo "//////////////// ERROR !!! FAILED to execute sendTokensFast-Concurrently //"
        echo "/////////////////"
        exit 1
    fi
}

chaincodeInvoke () {
    peer chaincode invoke --tls true --cafile /opt/gopath/src/github.com/hyperledger/fabric/peer/crypto/ordererOrganizations/zak.codes/orderers/orderer.zak.codes/msp/tlsca/zak.codes-cert.pem -n chaincode_tokens -c "${PAYLOAD}" -C channel3
    res=$?
    verifyResult $res "Sending tokens fast concurrently"
}

PAYLOAD='{ "Args": ["sendTokensFast", "1", "2", "1", "false"] }'

for (( i = BEGIN_AT; i < END_AT; ++i ))
do
    for (( j = 0; j < 10; ++j ))
    do
        # 1>/dev/null 2>&1
        1>/dev/null 2>&1 peer chaincode invoke --tls true --cafile \
        /opt/gopath/src/github.com/hyperledger/fabric/peer/crypto/ordererOrganizations/zak.codes/orderers/orderer.zak.codes/msp/tlsca/zak.codes-cert.pem \
        -n chaincode_tokens -c "${PAYLOAD}" -C channel3 &
        done
        wait
    done

# peer chaincode query --tls true --cafile /opt/gopath/src/github.com/hyperledger/fabric/peer/crypto/ordererOrganizations/zak.codes/orderers/orderer.zak.codes/msp/tlsca/zak.codes-cert.pem -n chaincode_tokens -c '{ "Args": ["getAccountTokens", "1"] }' -C channel3

```