

```

FuncTANGenerate [] {
    FuncFlagUnsafe
    FuncDate

    FuncCreateTMP
    for qra in $QRA ; do
        for xqra in $QRA ; do
            a=0
            until [ $a -eq ${{AMOUNT}} ] ; do
                if [ "$xqra" != "$qra" ] ; then
                    FuncTANGenerator
                    echo $qra $xqra ${{a+1}} | tr ' ' \\t >> $TMP/xqra
                    echo $TAN >> $TMP/tan
                fi
                a=$((a+1))
            done
        done
    done
    FuncTANUniq

    paste $TMP/xqra $TMP/tan > $TMP/txtan
    sort -k2,2 -k1,1 -k3,3n $TMP/txtan > $TMP/rxtan

    if [ "$fe" = "y" ] ; then
        if [ ! -e $EXP ] ; then
            mkdir -p $EXP
        fi
        echo $GDT > $EXP/date.txt
    fi
    qrai=1
    for qra in $QRA ; do
        awk ' $1 == "'$qra'" ' $TMP/txtan > $TMP/qrattxtan
    done
}

```