

[Help](#)

```

#include "std.h"

static NumFunc_1 digit=
{
    Digit,
    {"Strike",PDOUBLE,100,ALLOW},
    {"Rebate",PDOUBLE,10,ALLOW},
    {" ",END,0,FORBID}
},
CHK_digit
};

static TYPEOPT DigitAmer=
{
    /*PayOff*/      {"Payoff",NUMFUNC_1,0,FORBID}
    ,
    /*EuOrAm*/      {"Amer",BOOL,AMER,FORBID},
    /*Maturity*/    {"Maturity",DATE,0,ALLOW}
};

static int OPT(Init)(Option *opt)
{
    TYPEOPT* pt=( TYPEOPT*)(opt->TypeOpt);
    static int first=1;

    if (first)
    {
        pt->PayOff.Val.V_NUMFUNC_1=&digit;

        (pt->EuOrAm).Val.V_BOOL=AMER;
        (pt->Maturity).Val.V_DATE=1.0;
        (pt->PayOff.Val.V_NUMFUNC_1)->Par[0].Val.
V_PDOUBLE=100.0;
        (pt->PayOff.Val.V_NUMFUNC_1)->Par[1].Val.
V_PDOUBLE=10.0;

        first=0;
    }

    return OK;
}

```

```
}
```

```
MAKEOPT(DigitAmer);
```

References