

## [Help](#)

```
#include "
href../../mod/wishart2d/wishart2d_std2d/wishart2d_std2d_h_src.pdfstd2d.h"

static NumFunc_2 callmax =
{
    CallMax,
    {"Strike", PDOUBLE, {100}, ALLOW, SETABLE}, {" ", PREMIA_NULLTYPE, {0}, FORBI
    CHK_call
};

static TYPEOPT CallMaximumAmer =
{
    /*Maturity*/      {"Maturity", DATE, {0}, ALLOW, SETABLE},
    /*PayOff*/        {"Payoff", NUMFUNC_2, {0}, FORBID, SETABLE},
    /*EuOrAm*/        {"Amer", BOOL, {AMER}, FORBID, UNSETABLE},

};

static int OPT(Init)(Option *opt, Model *mod)
{
    TYPEOPT *pt = (TYPEOPT *) (opt->TypeOpt);

    if (opt->init == 0)
    {
        opt->init = 1;
        opt->nvar = 3;
        opt->nvar_setable = 2;
        opt->HelpFilenameHint = "callmaximumamer_2d";

        pt->PayOff.Val.V_NUMFUNC_2 = &callmax;
        opt->HelpFilenameHint = "CallMaximumAmer_2d";

        (pt->EuOrAm).Val.V_BOOL = AMER;
        (pt->Maturity).Val.V_DATE = 1.0;
        (pt->PayOff.Val.V_NUMFUNC_2)->Par[0].Val.V_PDOUBLE = 100.;

    }

    return OK;
```

```
}
```

```
MAKEOPT(CallMaximumAmer);
```