

[Help](#)

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#include "
href../../mod/cgmy1d/cgmy1d_h_src.pdfcgmy1d.h"
#include "
href../../common/chk_h_src.pdfchk.h"
#include "
href../../common/error_msg_h_src.pdferror_msg.h"
#include "
href../../mod/hes1d/hes1d_pad/model_h_src.pdfmodel.h"

extern char *path_sep;

static int MOD(Init)(Model *model)
{
    TYPEMOD *pt = (TYPEMOD *) (model->TypeModel);
    if (model->init == 0)
    {
        model->init = 1;
        model->nvar = 0;
        pt->T.Vname = "Current Date";
        pt->T.Vtype = DATE;
        pt->T.Val.V_DATE = 0.;
        pt->T.Viter = ALLOW;
        model->nvar++;

        pt->S0.Vname = "Spot";
        pt->S0.Vtype = PDOUBLE;
        pt->S0.Val.V_PDOUBLE = 100.;
        pt->S0.Viter = ALLOW;
        model->nvar++;

        pt->Mu.Vname = "Trend";
        pt->Mu.Vtype = DOUBLE;
        pt->Mu.Val.V_DOUBLE = 0.;
        pt->Mu.Viter = ALLOW;
        model->nvar++;

        pt->Divid.Vname = "Annual Dividend Rate";
```

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pt->Divid.Vtype = DOUBLE;
pt->Divid.Val.V_DOUBLE = 0.;
pt->Divid.Viter = ALLOW;
model->nvar++;

pt->R.Vname = "Annual Interest Rate";
pt->R.Vtype = DOUBLE;
pt->R.Val.V_DOUBLE = 10.;
pt->R.Viter = ALLOW;
model->nvar++;

pt->C.Vname = "C";
pt->C.Vtype = PDOUBLE;
pt->C.Val.V_PDOUBLE = 0.5;
pt->C.Val.V_PDOUBLE = 0.024400;
pt->C.Viter = ALLOW;
model->nvar++;

pt->G.Vname = "G";
pt->G.Vtype = PDOUBLE;
pt->G.Val.V_PDOUBLE = 6;
pt->G.Val.V_PDOUBLE = 0.076500;
pt->G.Viter = ALLOW;
model->nvar++;

pt->M.Vname = "M";
pt->M.Vtype = PDOUBLE;
pt->M.Val.V_PDOUBLE = 3.5;
pt->M.Val.V_PDOUBLE = 7.551500;
pt->M.Viter = ALLOW;
model->nvar++;

pt->Y.Vname = "Y";
pt->Y.Vtype = PDOUBLE;
pt->Y.Val.V_PDOUBLE = 0.5;
pt->Y.Val.V_PDOUBLE = 1.294500;
pt->Y.Viter = ALLOW;
model->nvar++;

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}

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    return OK;
}

TYPEMOD CGMY1dim;

MAKEMOD(CGMY1dim);
```