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Help
#ifndef _PAD_H
#define _PAD_H

#include "optype.h"
#include "var.h"

#include "chk.h"
#include "numfunc.h"

#define TYPEOPT PAD

/*PathDep Option*/
typedef struct TYPEOPT{
    VAR      PayOff; /*    The Payoff is phi(
        stock,path_dep) */
    VAR      MinOrElse; /* cf supra*/

    VAR      EuOrAm;
    VAR      PartOrTot; /* Partial or
        total pathdep:

                a partial pathdep
        is specified
                by starting_date,
        final_date*/

    VAR      ContOrDisc; /*Continuou
        s or Discrete:

                a discrete pathdep
        is specified
                by frequency (regu
        lar sampling) */

    VAR      PathDep; /* The PathDep functiona
        l definition:

                new_path-dep=psi(PathDep-
        >Par,stock,time)

                where:

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        starting_date is in PathD
ep->Par[0],
        final_date is in PathDep-
>Par[1],
        frequency is in PathDep-
>Par[2],
        initial_path_dep is in
PathDep->Par[3],
        current_path_dep is in
PathDep->Par[4]

        !!!!!WARNING!!!!!!
        Wether the pathdep is ba
ckard/forward
        should be tested in Chk0
pt
        */
VAR                                Maturity;

} TYPEOPT;

/*MinOrElse*/
#define MINIMUM 0
#define MAXIMUM 1
#define AVERAGE 2

int OPT(Get)(int user,Planning *pt_plan,Option *
    opt);
int OPT(Show)(int user,Planning *pt_plan,Option *
    opt);
int OPT(Check)(int user,Planning *pt_plan,Option
    *opt);

#endif

```

References