

Help

```
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion <
    (2008+2) //The "#else" part of the code will be freely av
    ailable after the (year of creation of this file + 2)
#else
/*****
*   CPS - A simple C PDE solver
*
*   Copyright (c) 2007,
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*
*****/
#ifndef PDE_TERM_H
#define PDE_TERM_H

#include "cps_types.h"

#define UX_TERM    0xD1
#define UY_TERM    0xD2
#define UXX_TERM   0xD3
#define UYY_TERM   0xD4
#define UXY_TERM   0xD5
#define U_TERM     0xD6

struct pde_term_t
{
    const function      *function_factor;
    unsigned int        order;
    unsigned int        type;

    stencil_operator    *st_operator;
    stencil              *generated_stencil;
};

int pde_term_create(pde_term **, int, function *, stencil_
    operator *);
int pde_term_destroy(pde_term **);
```

```
int pde_term_set_function_factor(pde_term *, const
    function *);
int pde_term_set_stencil_operator(pde_term *, stencil_
    operator *);
int pde_term_create_stencil(pde_term *, const grid *);
#endif

#endif //PremiaCurrentVersion
```

References