

Help

```
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion < (2008+2) //The "#els
#else
/*****
*   CPS - A simple C PDE solver
*
*   Copyright (c) 2007,
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*
*****/
#ifndef PDE_TERM_H
#define PDE_TERM_H

#include "
href../../common/math/highdim_solver/cps_types_h_src.pdfcps_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
```