

Help

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#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_INTEGRAL_TERM_H
#define PDE_INTEGRAL_TERM_H

#include "cps_types.h"
#include "laspack/highdim_vector.h"

struct pde_integral_term_t
{
    double lambda;
    double alpha;
    double m;

    const grid *source_grid;
};

int pde_integral_term_create(pde_integral_term **);
int pde_integral_term_destroy(pde_integral_term **);
int pde_integral_term_set_lambda(pde_integral_term *,
    double);
int pde_integral_term_set_m(pde_integral_term *, double);
int pde_integral_term_set_alpha(pde_integral_term *,
    double);
int pde_integral_term_set_grid(pde_integral_term *, const
    grid *);
double pde_integral_term_evaluate(const pde_integral_term *

```

```
    , const grid_node *, Vector *);  
#endif
```

```
#endif //PremiaCurrentVersion
```

References