Help

```c
#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,                                   *
*     Maya Briani      <m.briani@iac.rm.cnr.it>,          *
*
*     Francesco Ferreri <francesco.ferreri@gmail.com>,    *
*     Roberto Natalini  <r.natalini@iac.rm.cnr.it>,       *
*     Marco Papi        <m.papi@iac.rm.cnr.it>            *
*                                                         *

***********************************************************/
#ifndef PDE_H
#define PDE_H

#include "cps_types.h"

#define PDE_MAX_TERMS 10

struct pde_t {

  pde_term  *terms[PDE_MAX_TERMS];
  const function  *source_term;
  pde_integral_term  *integral_term;
  unsigned int terms_count;
  unsigned int item;
};

int pde_create(pde **);
int pde_destroy(pde **);
int pde_add_term(pde *, pde_term *);
int pde_set_source_term(pde *, const function *);
int pde_set_integral_term(pde *, pde_integral_term *);
int pde_has_source_term(const pde *);
int pde_has_integral_term(const pde *);
```

```
int pde_term_start(pde *);
int pde_term_forth(pde *);
int pde_term_item(pde *, pde_term **);
int pde_term_after(pde *);

int pde_next_term(pde *, pde_term **);
#endif

#endif //PremiaCurrentVersion
```

References