

[Help](#)

```
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion < (2008+2) //The "#els
#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 GRID_TUNER_H
#define GRID_TUNER_H

#include "
href../../../../common/math/highdim_solver/cps_types_h_src.pdfcps_types.h"
#define MAX_TUNERS 4

#define GENERIC_TUNER 0
#define EXPLICIT_TUNER 1
#define IMPLICIT_TUNER 2
#define RESCALE_TUNER 3

typedef int (*grid_tuner_proc)(grid_tuner *, grid *);

struct grid_tuner_t
{
    void *argument;
    grid_tuner_proc tuners[MAX_TUNERS];
};

int grid_tuner_create(grid_tuner **);
int grid_tuner_destroy(grid_tuner **);
int grid_tuner_set_tuner(grid_tuner *, int, grid_tuner_proc);
int grid_tuner_set_argument(grid_tuner *, void *);
int grid_tuner_apply(grid_tuner *, int, grid *);
#endif
```

```
#endif //PremiaCurrentVersion
```