

[Help](#)

```

#if defined(PremiaCurrentVersion) && PremiaCurrentVersion < (2008+2) //The "#els
#else
/*****
*   CPS - A simple C PDE solver                               *
*                                                           *
*   Copyright (c) 2007,                                       *
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*                                                           *
*****/
#include <string.h>
#include <stdio.h>
#include <stdlib.h>

#include "cps_assertions.h"

void assertion_callback(assert_type type, const char *file, int line, const char
{

    const char *str_type;

    switch (type)
    {
        case assert_require:
            str_type = "PRECONDITION";
            break;
        case assert_ensure:
            str_type = "POSTCONDITION";
            break;
        case assert_check:
            str_type = "CHECK";
            break;
        default:
            str_type = "UNKNOWN";
    }

    fprintf(stderr, "\n*** assertion violation (%s) in %s() (%s,%d)\n\n", str_t

```

```
fprintf(stderr, "%s: (%s)\ n", tag, cond);
if (addinfo)
{
    fprintf(stderr, " ,%s\ n", addinfo);
}
else
{
    fprintf(stderr, "\ n");
}
fprintf(stderr, "***\ n");
abort();
}

#endif //PremiaCurrentVersion
```