

### Help

```
#if defined(PremiaCurrentVersion) && PremiaCurrentVersion <
    (2007+2) //The "#else" part of the code will be freely av
    ailable after the (year of creation of this file + 2)
#else

/// {file base.h
/// {brief numerical constant
/// {author M. Ciuca (MathFi, ENPC)
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    tware license
//
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#ifndef \_BASE\_H
#define \_BASE\_H

#include <iostream>
// #define NDEBUG
#include <cassert>
#include <cstdlib>

const double TOLERANCE = 1.e-03;
const int SIMPSON_NO = 20;
const double RIEMANN_NUM_INTEGR_PRECISION = 1.e-03;
const double INC = 1.e-06;

//inline double SQR(double x)
//{
// return x*x;
//}

//using namespace std;

struct DateRate
{
    //public:
    double date;
    double rate;
    DateRate(double _date = 0, double _rate = 1):
```

```
    date(_date), rate(_rate)
{
    if ((date < 0) || (rate <= 0))
    {
        std::cout << "DateRate Constructor: Incorrect input
data!\n";
        exit(1);
    }
}

};
```

```
#endif
```

```
#endif //PremiaCurrentVersion
```

## References