

log10

在C++ 11 中的函数原型：

```
double log10 (double x);
float log10 (float x);
long double log10 (long double x);
double log10 (T x);           // additional overloads for integral types
```

Additional overloads are provided in this header (`<cmath>`) for the [integral types](#): These overloads effectively cast `x` to a `double` before calculations. 【自动将类型转为double类型】

This function is also overloaded in `<complex>` and `<valarray>` (see [complex log10](#) and [valarray log10](#)).

测试

```
/* log10 example */
#include <stdio.h>      /* printf */
#include <math.h>       /* log10 */

int main ()
{
    double param, result;
    param = 1000.0;
    result = log10 (param);
    printf ("log10(%f) = %f\n", param, result );    // log10(1000.000000) = 3.000000
    return 0;
}
```