Cheatography

C++ String Tips Cheat Sheet

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<iomanip>

`setios flags (ios_b ase ::f mtflags mask)`	Sets the format flags specified by parameter mask. Basically, the input is a bu binary or'd together. `std::cout << std::s etf lags (std:: ios td::i os: :up per case);`
`reseti osf lag s(i os_ bas e:: fmt flags mask)`	Unsets the format flags specified by parameter mask.
`setpre cision (int n)`	Sets the decimal precision to be used to format floating-point values on output
`setw(int n)`	Behaves as if member width were called with n as argument on the stream on extracted as a manipulator.
`setfill (char_type c)`	Sets c as the stream's fill character.
`get_money (money T& mon, bool intl = false)`	Extracts characters from the input stream it is applied to, and interprets them a sion, which is stored as the value of mon.
`put_money (const moneyT & mon, bool intl = false )`	Inserts the representation of mon as a monetary value into the output stream

<iomanip> (cont)

`get_time (struct tm *tmb, const charT *fmt)`	Extracts characters from the input stream it is applied to, and interprets them as time and date information as specified in argument fmt. The obtained data is stored at the struct tm object pointed by tmb.
`put_time (const struct tm *tmb, const charT* fmt)`	Inserts the representation of the time and date information pointed by tmb, formatting it as specified by argument fmt.

The return value for each of the above is unspecified, and they should only be used as stream manipulators.

Money Manipulators

```
#include <iostream> // std::cin,
std::cout
#include <io man ip> // std::g -
et_ money
int main ()
{
   long double price;
    std ::cout << " Please,
enter the price: ";
    std ::cin >> std::g et_ -
mon ey( price);
   if (std:: cin.fa il())
std::cout << " Error reading
price \n";
   else std::cout << "The price
entered is: " << price << '\n';
    return 0;
}
```

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Not published yet.
Last updated 9th May, 2016.

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