
Subject: The power of templates!

Posted by [Anar Manafov](#) on Thu, 31 Mar 2005 22:42:39 GMT

[View Forum Message](#) < > [Reply to Message](#)

There are classes A and B. How to check that B is inherited from class A? Compile-time task.

It could be useful for someone:

```
template<typename A, typename B>
class isd
{
    class no{};
    class yes{no[2]};
    static yes test(B*);
    static no test(...);
public:
    enum {is=sizeof(test(static_cast<A*>(0)))==sizeof(yes)};
};
```

Just read the code.....

Now you understand what this code is made for?! Do you see the power?!

This is just an ART, isn't it?

Extensible Templates: Via Inheritance or Traits?
