

C++11开始,能够取一个模板类型的别名

```
using PII = std::pair<int, int>;  
typedef std::pair<int, int> PII; //等价
```

Alias Template

```
template<typename T>  
using P = std::pair<T, T>;  
  
template<typename T>  
struct A {  
    using Iterator = typename T::iterator;  
};  
  
int main() {  
    P<int> a = {1, 2};  
    std::cout << a.first << " " << a.second << std::endl; //OK 1 2  
    A<std::vector<int>> b;  
    std::vector<int> c{1, 2, 3};  
    A<std::vector<int>>::Iterator d = c.begin();  
    std::cout<<*d; //OK 1  
}
```