Subject: Re: C++11 library features finished
Posted by Novo on Sat, 04 Jun 2016 03:36:25 GMT
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There is a bug in AMap<K, T, V>::FindPut(const K& k, T&& init). It should look like below.

```
template <class K, class T, class V>
int AMap<K, T, V>::FindPut(const K& k, T&& init)
{
 unsigned hash = key.hashfn(k);
 int i = Find(k, hash);
 if(i < 0) {
  i = key.Put(k, hash);
  value.At(i) = pick(init);
 }
 return i;
}
```

The same problem can be found in other methods where you are using r-value directly (without "pick").
Below is a test case.
```
 VectorMap<int, Vector<int> > x;
 x.FindPut(1, Vector<int>());
```

You can just try to compile all methods taking r-value and see what happens.

EDIT: I've attached a patch.

Regards

File Attachments
1) AMap.zip, downloaded 313 times