Subject: Avoid Copy when adding a Tuple to a VectorMap
Posted by Xemuth on Sun, 06 Jun 2021 01:39:43 GMT
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Hello,

I'm working with a VectorMap<int, Tuple<int, A>>
class A don't provid a copy constructor, only a Move constructor.
I would like to add a new Tuple to my vector map by moving a fresh class A.
But I don't succeed... Can someone help me ? (I would like to avoid creation of a class to replace tuple in this specific case)

```
#include <Core/Core.h>

using namespace Upp;

class A{
 public:
  A(int e) : d_e(e){}
  A(A&& a){d_e = a.d_e;}
  int d_e;
};

CONSOLE_APP_MAIN
{
 VectorMap<int, Tuple<int, A>> myVector;
 myVector(1, pick(Tuple<int,A>(1, 5)));
 Cout() << myVector.Get(1).b.d_e << EOL;
 //Error : call to implicitly deleted copy constructor of 'A'
}
```

Also, why there is no Create(Args...) function in VectorMap ? (like the one in ArrayMap)