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Subject: Re: VectorMap.Get

Posted by [Klugier](#) on Tue, 13 Oct 2015 14:38:05 GMT

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Hello Deep,

Try to clone your vector. I think in your case there is move operation for some reason. Maybe someone that knows better that mechanism can describe it for you. On the other hand I have got compilation error of your example in the latest upp. Code that should work:

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

```
using namespace Upp;
```

```
CONSOLE_APP_MAIN
```

```
{  
    Vector<int> v1;  
    VectorMap<String, Vector<int>> Vm;  
  
    v1.Clear();  
    v1.Add(0);  
    v1.Add(3);  
    Vm.Add("key1", v1); // <- Vector was copied
```

```
  
    v1.Clear();  
    v1.Add(10);  
    v1.Add(31);  
    v1.Add(41);  
    Vm.Add("key2", v1); // <- Vector was copied
```

```
  
    Vector<int> v2;  
    v2 = clone(Vm.Get("key1")); // <- Without clone, probably move operation  
    DUMP(v2);
```

```
  
    v2.Clear();  
    v2 = clone(Vm.Get("key2"));  
    DUMP(v2);
```

```
  
    v2.Clear();  
    v2 = clone(Vm.Get("key1"));  
    DUMP(v2);  
}
```

Here is my log values:

```
v2 = [0, 3]
```

```
v2 = [10, 31, 41]
```

v2 = [0, 3]

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P.S.

Maybe you should put space after comma. In my opinion declaration like: `VectorMap<String, Vector<int>>` is more readable than `VectorMap<String,Vector<int>>`.

Sincerely,  
Klugier

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