
Subject: Vector

Posted by [nanditha](#) on Sat, 22 Jul 2023 08:00:01 GMT

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I am used the vector in my code like this:

```
struct CsvData : { Vector<Vector<Value>>rows;};
```

Getting error like this:

```
/upp/uppsrc/Core/Vcont.h (195): error: call to implicitly-deleted copy constructor of  
'Upp::Vector<Upp::Value>'
```

```
/upp/uppsrc/Core/Vcont.h (290): note: copy constructor is implicitly deleted because  
'Vector<Upp::Value>' has a user-declared move constructor
```

Subject: Re: Vector

Posted by [mirek](#) on Sat, 22 Jul 2023 18:39:57 GMT

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Probably somewhere you copy CsvData. U++ intentionally does not support "deep" copy constructor for container, in code you have to "choose" between pick (that is move in std C++) semantics or clone semantics.

That said, you can use "WithDeepCopy" template to change this behaviour.

```
WithDeepCopy<Vector<WithDeepCopy<Vector<Value>>> rows;
```
