Subject: Vector<Vector<double>>
Posted by Upp_User on Thu, 22 Feb 2018 04:45:27 GMT
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Hello,
I wanted to create a square matrix using Vector<vector<double>>, However i am getting a error message during compilation.

I am using
Windows 10, Mingwx64,U++ 10804.

When i use 1D Vector (Vectors are 1D indeed) i am getting the dynamic array initialization without any problem, but if i try 2D Array it seems not working.

Can i get some Help please!!!

Below is the code and the error message.

```
#include <Core/Core.h>
#include <iostream>
using namespace Upp;
using namespace std;

class Bezier
{
 public:
 Vector<Vector<double>> bezy;
 void getBez();
 void showBez();
};

CONSOLE_APP_MAIN
{
 Bezier myBez;
 myBez.getBez();
 myBez.showBez();
}

void Bezier::getBez()
{
 cout<<"generating the square matrix"<<endl;

 for(int i=0;i<5;i++)
 {
  for(int i=0;i<5;i++)
  {
   bezy.Add()=i;
```

```
 }
}


}

void Bezier::showBez()
{
 StdLogSetup(LOG_COUT|LOG_FILE);
 cout<<"Display Square matrix"<<endl;
 DUMP(bezy);
}
```

Error Message during compiling:

```
 D:\Migration\Myself\others\programming\upp\MyApps\Vector_2d\ Vector_2d.cpp (29): error: no
match for 'operator=' (operand types are 'Upp::Vector<double>' and 'int')
 (): bezy.Add()= i ;
 (): In file included from  D:\Migration\Myself\others\programming\upp/uppsrc/Core/Core. h:269:0,
 (): from  D:\Migration\Myself\others\programming\upp\MyApps\Vector_2d\ Vector_2d.cpp:1:
 D:\Migration\Myself\others\programming\upp/uppsrc/Core/Vcont .h (181): note: candidate: void
Upp::Vector<T>::operator=(Upp::Vector<T>&&) [with T = double]
 (): void  o perator =(Vector&& v)       { if(this != &v) { Free(); Pick(pick(v)); } }
 D:\Migration\Myself\others\programming\upp/uppsrc/Core/Vcont .h (181): note:   no known
conversion for argument 1 from 'int' to 'Upp::Vector<double>&&'
```