
Subject: Help VectorMap !!!

Posted by [digodigo](#) on Mon, 19 Nov 2007 18:38:30 GMT

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I have a problem when I try to use 3 arguments

see my source:

private:

VectorMap<String, String> mHostList;

Hosts::Hosts()

{
mHostList.Clear();

FileIn fs;

if (fs.Open(".\\whls.cfg")) {

while (!fs.IsEof()) {

String line = fs.GetLine();

int pos = line.Find(':'');

int pos1 = line.Find(':', pos + 1);

int pos2 = line.Find(':', pos1 - 1);

if (pos > 0 && pos1 > 0 && pos2 > 0) {

String id = line.Left(pos);

String ipAddr = line.Mid(pos + 1, pos1 - pos - 1);

String port = line.Right(line.GetLength() - pos2 - 1);

[B]mHostList.Add(id, ipAddr, port);[/B] // error here !!!

}

}

fs.Close();

}

}

That appears error:

C:\MyApps\MyAplication\hosts.cpp(27) : error C2661: 'AMap<K,T,V,HashFn>::Add' : no overloaded functi

```
on takes 3 arguments
with
[
    K=String,
    T=String,
    V=Vector<String>,
    HashFn=StdHash<String>
]
```

MyApplication: 1 file(s) built in (0:03.31), 3313 msecs / file, duration = 3438 msecs

help me plz

ps: Sorry for my English...

Subject: Re: Help VectorMap !!!

Posted by [captainc](#) on Wed, 06 Feb 2008 15:31:56 GMT

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You defined VectorMap with 2 Strings. This means that the key for the VectorMap is a String and the Value of each VectorMap entry is a String. There is no Add function for VectorMap taking 3 arguments. If you want to keep ipAddr and port separate, you have to store a different structure as the value in your VectorMap. Hopefully this example can explain it to you:

// Create the VectorMap and add values:

```
VectorMap<String, Vector<String>> mHostList;
```

```
Vector<String> ipAddrAndPort;
ipAddrAndPort.Add(ipAddr);
ipAddrAndPort.Add(port);
```

```
mHostList.Add(id, ipAddrAndPort);
```

// Get values from VectorMap:

```
for(int i=0; i<mHostList.GetCount(); ++i){ // Loop through all elements in VectorMap
    String id = mHostList.GetKey(i); // Get key for this element
    Vector<String> ipAddrAndPort = mHostList.Get(id); // Get the element itself
    Cout() << id << " -> " << ipAddrAndPort[0] << ":" << ipAddrAndPort[1] << "/n"; // Output the
details
```

```
}
```

Hope that helps explain the mechanisms a bit.
