
Subject: Vector< > & doesn't work

Posted by [Uti](#) on Sun, 26 Nov 2006 00:58:37 GMT

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```
int cache;
Vector< Item > &Ptr=Ports;
switch(T)
{
  case PORT:
  {
    cache=PortCache;
    Ptr=Ports;
  }break;
  case CHANNEL:
  {
    cache=ChannelCache;
    Ptr=Channels;
  }
}
if(cache!=-1)
  if(Ptr[cache].selfId==key)return Ptr[cache].item;

for(int i=0;i<Ptr.GetCount();i++)
{
  if(Ptr[i].selfId==key)
  {
    cache=i;
    return Ptr[i].item;
  }
}
return -1;
```

doesn't work.

Assertion fail at line:for(int i=0;i<Ptr.GetCount();i++)

I can't figure out why.

Subject: Re: Vector< > & doesn't work

Posted by [mirek](#) on Sun, 26 Nov 2006 06:31:41 GMT

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Well, I am not 100% sure what is in the Ports variables, however, assert like this most likely means "pick" semantics is broken somewhere.

```
Ptr=Ports;
```

and

Ptr=Channels;

are the most likely causes, especially first - you are picking Ports to Ports or Channel to Ports (you cannot assign reference!).

I believe you wanted

```
Vector<Item>& Ptr = T == CHANNEL ? Channel : Ports;
```

Mirek

Subject: Re: Vector< > & doesn't work
Posted by [Uti](#) on Sun, 26 Nov 2006 14:23:14 GMT
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thanks,I am so stupid
