
Subject: Re: Core chat...

Posted by [mdelfede](#) on Wed, 24 Oct 2007 18:06:45 GMT

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sergei wrote on Wed, 24 October 2007 19:49

Could someone please explain the workings of `a[i++] = a[i]`? I guess something here goes wrong because `i++` probably gets evaluated earlier than `rvalue` (it it?), but I'm not sure why/what. And does this happen with `Vector` too (reference on left evaluated before `rvalue`)?

Well, I think that

```
a[i++] = a[i];
```

""should"" be equivalent to

```
a[i] = a[i+1];  
i++;
```

but then, I was thinking also that in

```
a[i] = a.At(j)
```

the reference out of `[]` operator should come AFTER the right side `At()` function.... But I was wrong... at least for GCC.

As the stuff was ok with MSC, now I'm thinking that it's an undefined, compiler-dependent behaviour.

Ciao

Max
