Subject: Re: Who is doing the coping? [implicit-copy | deep-copy | pick constructor]
Posted by dolik.rce on Sat, 15 Dec 2012 08:35:00 GMT

Hi navi,

navi wrote on Sat, 15 December 2012 05:24I concluded that C++ is writing a implicit copy constructor which is doing a member-wise copy of 'myobject' and neither U++ deep copy nor pick is being used. since myobject only has 3 String and String class has operator= overloaded, so implicit copy constructor is able to carryout its member-wise copy. Is this correct?

Yes this is correct. The implicit copy instructor in you case would look like

myobject::myobject(const myobject& that)
 this.a = that.a;
 this.b = that.b;
 this.c = that.c;
};

So it works for Strings, but if you did similar thing with Vector, it would use pick assignment operator.

Honza