Subject: Re: Tell me more about U++ please.
Posted by mirek on Tue, 19 Apr 2011 05:47:20 GMT

Lance wrote on Tue, 19 April 2011 00:12A side topic:

With RValue reference introduction in C++0x and currently available in more recent version of VC++ and g++, the driving force behind maybe Mirek's invention of the Upp pick semantics seems to be no longer exist. Anything we currently pick, we can do it with move constructor and move assignment.

There is one technical reason not to convert to move operator: It does not provide composition rules.

In U++

```
struct Foo {
    int x;
    Vector<Bar> bar;
};
```

automatically gets compiler generated pick constructor/assignement. With move operator, you would have to implement them. Which is quite tedious and error-prone especially if you have more member variables.