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Subject: Transfer Semantics - Initializer list and copy constructors

Posted by [captainc](#) on Tue, 10 Jul 2007 13:33:26 GMT

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I've been trying to get used to Upp NTL library and the pick semantics, an idea that I think is great, but still have a few questions.

Mainly, do initializer lists use deep copy/copy constructors? Also, the do Vector and Array Add() functions use copy constructors while the AddPick() functions do not?

I read the NTL tutorial and the Transfer Semantics section, but I think you should improve on this section with other examples of using it and not using it so that it is easier to grasp at first. I would love to see examples for appending Arrays or Vectors and an expanded explanation on the use of the Pick() and Copy() functions. This is all probably because I am still learning C++ as a language, and want to see it easy to learn and know the differences between standard implementations and NTL; especially for the cases where we use libraries that utilize standard library containers and we have to use them along with NTL containers.

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