Subject: Error in "NTL - moveable" documentation?
Posted by Werner on Sun, 30 Jul 2006 09:00:58 GMT

View Forum Message <> Reply to Message

Unless I'm very much mistaken the SimpleVector template in "Browse topics - srcdoc - Core" cannot work:

When you instantiate the class the constructor sets capacity and items = 0.
When you add an item items is >= 0 and Expand is called.
Expand doubles capacity, but 2 * 0 still yields 0.
So capacity can never grow.

Although the example demonstrates what it is supposed to demonstrate, in my personal opinion it should be faultless - be it just for didactic reasons.

One possible solution might be:

```
void Expand()
{
   if (capacity == 0)
      ++capacity;
   else
      capacity *= 2;
   ...
```

Werner