



















Example:Vector

- Generalization of an array
 - Sequential collection of data
 - Random access
 - Access items by index
 - Access operations are *constant* time
- Principal operations
 - Add, insert, remove
 - Get, set at a particular index
 - Get size

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Standard Template Library Vector

#include <vector>

template <class T> class vector

Operations:

erase(position) at(index) operator[index]	<pre>// insert value before the specified iterator // remove value at specified iterator // access (get/set) value at specified index // access (get/set) value at specified index</pre>	
size() empty() clear()	<pre>// get size // true if no elements // remove all elements</pre>	
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