How to set capacity to size of vector in C++?

[intro]

Call the method shrink\_to\_fit.

[P.S.]

NOTE that

the method only supports C++11 above.

That is, in below C++11, it will give compiler error to call this method.

[namespace]

std

[library]

<vector>

[code]

#include <iostream>

#include <vector>

using namespace std;

int main ()

{

std::vector<int> myvector (100);

cout << "1. capacity of myvector: " << myvector.capacity() << endl;

myvector.resize(10);

cout << "2. capacity of myvector: " << myvector.capacity() << endl;

myvector.shrink\_to\_fit();

cout << "3. capacity of myvector: " << myvector.capacity() << endl;

return 0;

}

[result]

1. capacity of myvector: 100

2. capacity of myvector: 100

3. capacity of myvector: 10

[ref]

<https://cplusplus.com/reference/vector/vector/shrink_to_fit/>