

---

Subject: Re: array : minimum value

Posted by [Sender Ghost](#) on Thu, 08 Mar 2012 11:31:33 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello.

idkfa46 wrote on Wed, 07 March 2012 11:17 There is an easier way to do it ?!

If you meant already defined functions to find minimum (maximum) value of the array, then there are two function templates from std and Upp namespaces (corresponding to STL and NTL (U++)), at least:

std::min\_element (std::max\_element),

Upp::MinElement (Upp::MaxElement).

```
#include <Core/Core.h>
```

```
CONSOLE_APP_MAIN {
int vec[] = { 5, 4, 3, 2, 1, 6, 7, 8, 9, 10 },
*Upp_value = Upp::MinElement(vec, vec + __countof(vec)),
*std_value = std::min_element(vec, vec + __countof(vec));

ASSERT(Upp_value == std_value);

Upp::Cout() << "Minimum value"
<< "\nUpp: " << *Upp_value
<< "\nstd: " << *std_value
<< "\n\nIndex of minimum value: " << Upp_value - vec << '\n';
}
```