
Subject: Re: random functions proposal

Posted by [Sender Ghost](#) on Mon, 16 Jan 2012 17:31:15 GMT

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Hello, ratah, dolik.rce.

ratah wrote on Mon, 16 January 2012 17:06

I looked for a random function between an interval (a,b) and did not find.

dolik.rce wrote on Mon, 16 January 2012 17:58

you don't have to care about the range here as long as `max < INT_MAX`

There is another implementation:

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

```
using namespace Upp;
```

```
// Returns Random from a to b, inclusively.
```

```
dword Random(dword a, dword b)
```

```
{  
    if (a == b)  
        return a;  
    if (a < b)  
        return a + Random(b - a + 1);  
    return b + Random(a - b + 1);  
}
```

```
CONSOLE_APP_MAIN
```

```
{  
    const int n = 100;  
    for (int i = 1, j = n; i <= n; ++i, --j)  
        Cout() << Format("%3d, %3d: %s\n", i, j, AsString(Random(i, j)));  
}
```