
Subject: Re: An U++ equivalent of bzero ? (if not a sin)

Posted by [Klugier](#) on Sat, 02 Nov 2019 21:26:26 GMT

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Hello Frank,

For plain arrays you can use `std::fill` from standard library:

```
#include <iostream>

int main() {
    double array[10];
    std::fill(std::begin(array), std::end(array), 0.0);

    for (int i = 0; i < 10; ++i) {
        std::cout << array[i] << "\n";
    }

    return 0;
}
```

Alternatively, you could use `std::array` that have compilation time defined size:

```
#include <iostream>
#include <array>

int main() {
    std::array<double, 10> array;
    array.fill(0.0);

    for (auto d : array) {
        std::cout << d << "\n";
    }

    return 0;
}
```

I prefer to use `std::fill` for plain arrays, because it is probable solution and works outside U++, however it requires c++17 standard. However, if your app is designed to work with Upp framework than you can freely use `Upp::Zero`, which is easy to use (easier than `std::fill`).

Sincerely,
Klugier
