
Subject: Question about SubRange.

Posted by [Novo](#) on Thu, 04 Jan 2018 20:58:35 GMT

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Function SubRange has two overloads below.

```
template <class C>
auto SubRange(C& c, int pos, int count) -> decltype(SubRange(c.begin() + pos, count))
{
    return SubRange(c.begin() + pos, count);
}
```

```
template <class C>
auto SubRange(C&& c, int pos, int count) -> decltype(SubRange(c.begin() + pos, count))
{
    return SubRange(c.begin() + pos, count);
}
```

The second one doesn't actually move anything, so, it is just not needed, IMHO.

The first one can always be used instead. And it should look like below. IMHO.

```
template <class C>
auto SubRange(const C& c, int pos, int count) -> decltype(SubRange(c.begin() + pos, count))
{
    return SubRange(c.begin() + pos, count);
}
```

Method begin() is always const I believe ...

And you can drop this decltype in C++14 ...
