
Subject: Re: How to mark `std::array<T, N>` moveable if only T is moveable

Posted by [mirek](#) on Thu, 25 Jul 2024 07:32:26 GMT

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mirek wrote on Thu, 25 July 2024 09:19

Another thing to consider: Tuple is moveable if all its components are moveable. Are we able to express that somehow? (If not, no big deal, I can make Tuple moveable and request that elements are).

Figured it out:

```
struct not_moveable {};
```

```
template <class A, class B>
```

```
class Two : std::conditional<is_moveable<A> && is_moveable<B>, moveable<Two<A, B>>,  
not_moveable>::type {
```

```
    A a;
```

```
    B b;
```

```
};
```
