
Subject: Small optimization

Posted by [Didier](#) on Tue, 18 May 2021 13:36:35 GMT

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

Hello Mirek,

I have a small optimisation proposition for cases where fundamental data types are used

in Vcont.h

Replace:

```
template <class T>
inline void Construct(T *t, const T *lim) {
    while(t < lim)
        new(t++) T;
}
```

with:

```
template <class T>
inline void Construct(T *t, const T *lim) {
    if ( ! std::is_fundamental<T>::value ) {
        while(t < lim)
            new(t++) T;
    }
}
```

Other methods near this one can benefit from this small optimisation (Destroy for example)

Note: Tested on my app : everything seems to work fine
