Subject: CoWorkNX
Posted by mirek on Mon, 12 Nov 2018 10:29:53 GMT

There was a little problem with CoWork:

In order to propagate exceptions from worker threads, CoWork destructor adds "noexcept(false)" specification. That works fine for stack based CoWork, but if you want to include CoWork as member variable, this propagates to parent's destructor. Now if the class is derived and has virtual destructor, this leads to compile error as noexcept specification is changed from the base.

So I have introduced a simple adapting class CoWorkNX, which just derives from CoWork and changes destructor to normal "noexcept(true)".

The moral of the story can be summarized as: If you have added CoWork as member variable and you are getting a compile time error, just change the type to CoWorkNX.