
Subject: CoWork exceptions and IsCanceled
Posted by [mirek](#) on Sun, 01 Oct 2017 11:52:40 GMT
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CoWork now can handle worker thread exceptions:

```
#include <Core/Core.h>

using namespace Upp;

CONSOLE_APP_MAIN
{
    StdLogSetup(LOG_COUT|LOG_FILE);

    try {
        CoWork co;
        co & [] { throw "Worker exception"; };
    }
    catch(const char *s) {
        LOG("Caught: " << s);
    }
}
```

Cancelation of CoWork is now propagated to worker threads via "IsCanceled" static method:

```
#include <Core/Core.h>

using namespace Upp;

CONSOLE_APP_MAIN
{
    StdLogSetup(LOG_COUT|LOG_FILE);

    CoWork co;
    for(int i = 0; i < 50; i++) {
        co & [] {
            for(;;) {
                if(CoWork::IsCanceled()) {
                    LOG("CoWork is canceled");
                    return;
                }
                Sleep(1);
            };
        };
        Sleep(100);
```

```
co.Cancel();  
}
```
