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Subject: MemorySanitizer: use-of-uninitialized-value in CoWork

Posted by [Novo](#) on Fri, 19 Jul 2019 20:17:48 GMT

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Could you please apply a patch below to CoWork?

MemorySanitizer is complaining about uninitialized memory. Theoretically, default constructor of `std::exception_ptr` is supposed to initialize it, but practically I'm getting a warning. The problem can be easily fixed.

```
diff --git a/uppsrc/Core/CoWork.cpp b/uppsrc/Core/CoWork.cpp
index 46e49dc15..abfbae2b8 100644
--- a/uppsrc/Core/CoWork.cpp
+++ b/uppsrc/Core/CoWork.cpp
@@ -113,7 +113,7 @@ void CoWork::Pool::DoJob(MJob& job)
     }

     lock.Leave();
-    std::exception_ptr exc;
+    std::exception_ptr exc = nullptr;
     try {
         if(looper)
             work->looper_fn();
@@ -370,6 +370,7 @@ int CoWork::GetWorkerIndex()
     }

     CoWork::CoWork()
+    : exc(nullptr)
     {
         LLOG("CoWork constructed " << FormatHex(this));
         todo = 0;
```

Patched file is attached.

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## File Attachments

1) [CoWork.cpp](#), downloaded 254 times

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