

MUTual EXclusion (mutex)

[Return to Glossary](#)

A **MUTual EXclusion (mutex)** is a program object that prevents simultaneous access to a shared resource. This concept is used in concurrent programming with a critical section, a piece of code in which processes or threads access a shared resource. Only one thread owns the mutex at a time, thus a mutex with a unique name is created when a program starts. When a thread holds a resource, it has to lock the mutex from other threads to prevent concurrent access to the resource. Upon releasing the resource, the thread unlocks the mutex.

Source: <https://www.techopedia.com/definition/25629/mutual-exclusion-mutex>

From:

<https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:

https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:xapend:xapend.a_glossary:m:mutex

Last update: **2021/11/01 21:08**

