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*
```

# `lock` #

Record locking to manage potential repodata / repodata metadata file contention between conda processes. Try to acquire a lock on a single byte in the metadat file; modify both files; then release the lock.

## Functions#

`\_lock\_noop` (fd) | When locking is not available.

---|---

`\_lock\_impl` (fd) |

`lock` (fd) |

## Attributes#

`LOCK\_BYTE` |

---|---

`LOCK\_ATTEMPTS` |

`LOCK\_SLEEP` |

LOCK\_BYTE \_ = 21\_#

LOCK\_ATTEMPTS \_ = 10\_#

LOCK\_SLEEP \_ = 1\_#

\_lock\_noop(\_fd\_)#

When locking is not available.

\_lock\_impl(\_fd\_)#

lock(\_fd\_)#

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[ \_\_Edit on GitHub](<https://github.com/conda/conda/edit/main/docs/source/dev-guide/api/conda/gateways/disk/lock/index.rst>)

[ \_\_Show Source]([../../../../../\\_sources/dev-guide/api/conda/gateways/disk/lock/index.rst.txt](https://github.com/conda/conda/blob/main/docs/source/dev-guide/api/conda/gateways/disk/lock/index.rst.txt))

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[ Analytics Dashboard \_\_]([https://docs-conda-io.goatcounter.com "Analytics Dashboard"](https://docs-conda-io.goatcounter.com ))

