# Prioritized Mutual Exclusion support for RT - CORBA

## Goals

Supporting prioritized mutual exclusion on a distributed system by way of implementing the extensions to known protocol for prioritized mutual exclusion for distributed systems. The extensions are meant for intent locking support coupled with read and write lock modes.

## Work Done (During Last Month)
- o The extensions were discussed in the meeting. Clarifications made to the draft.
- o The draft was finalized for un-prioritized as well as prioritized versions of the protocol.
- o Implementation of both the unprioritized version is on.
- o The proposal for the NSF was made through with some deeper understanding of the protocol.
- o Enhancement for path compression is studied partly.

## Future Work (Up to foreseeable future)
- o The protocol should be changed for the latest enhancements. Possibility of more enhancements should be studied.
- o The implementation of the unprioritized and prioritized versions should be finished once the protocol is finalized.
- o Future work depends on the results of the implementations.
- o Possibility of one or more publications based on the protocol or results.

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