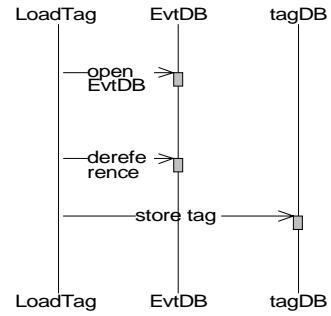| Description |
|---|

Select EvtDB

  open EvtDB

  Scan

  Iterate oParticles

    read event

    compute tag

    store tag

  End Iteration

End EvtDB

LoadTag   EvtDB   tagDB

open EvtDB

derefe rence

store tag

LoadTag   EvtDB   tagDB

Query Execution

Description

New Query

  create query object

  bind to qe and
   register new query object

  query token is returned

  issue predicate

  user decides to execute

  execute query

  qe tells qm to execute qid

  iterate over query results

    next

      release previous file

      request oid sublist

        file is staged

        stage file

      retrieve oid sublist

    return next

    return oid ref

    retrieve this event
     and process it

  End Iteration

End Query

UserCode   QO   OOI   QE   QM   CM   EvtDB

Create Query

new Query(uid)

query token

predicate, OID list

execute

estimate, execute

execute (uid, qid, fid/oid)

release

request (qid, OOid)

staged (fid, stages)

stage (fid)

retrieve (qid, OOid, fid, oids)

return oid

dereference

UserCode   QO   OOI   QE   QM   CM   EvtDB