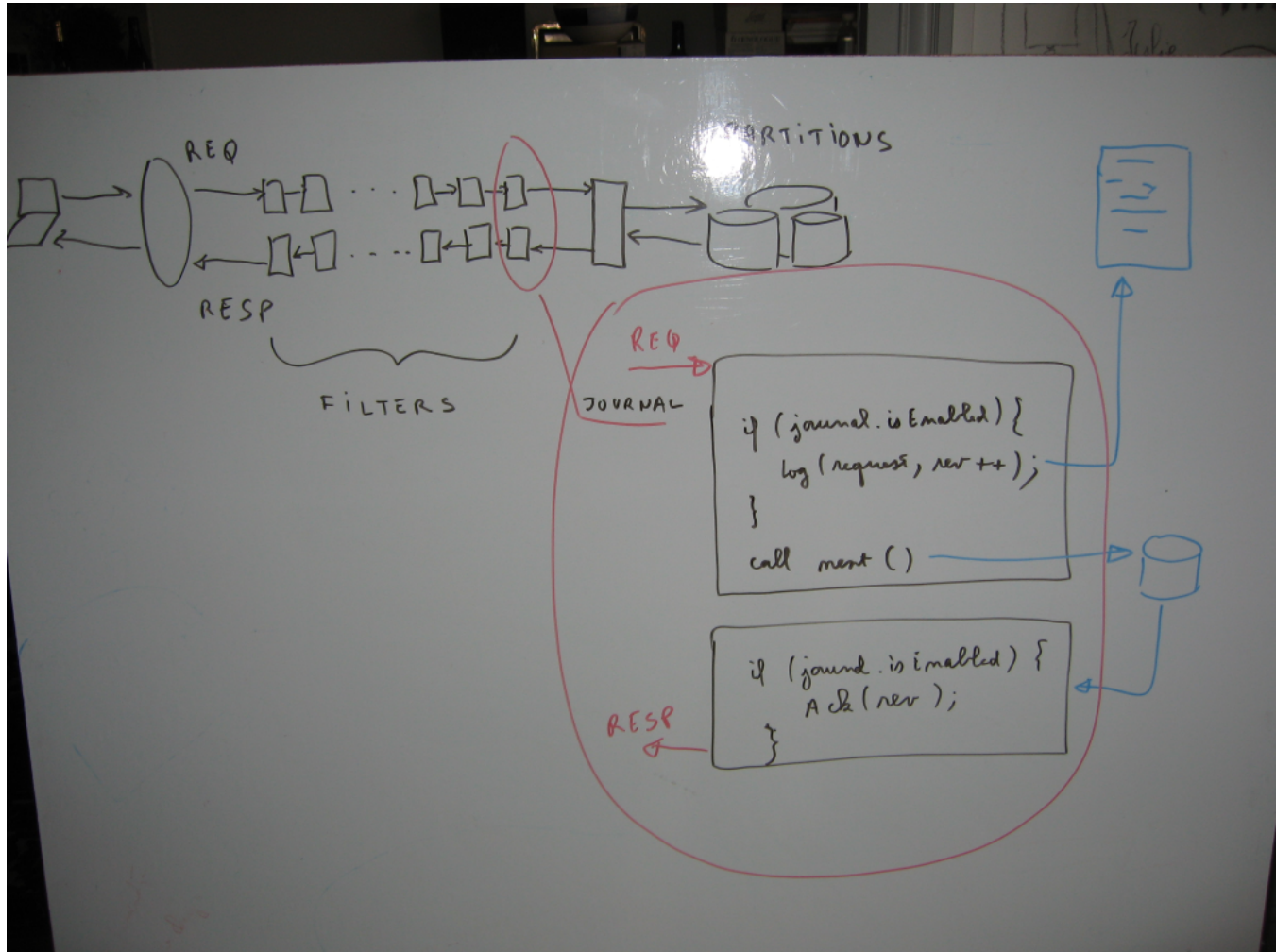


# Journal and DRS

This page contains information about the Journal and the DRS (Disaster Recovery System).

## The Journal subsystem

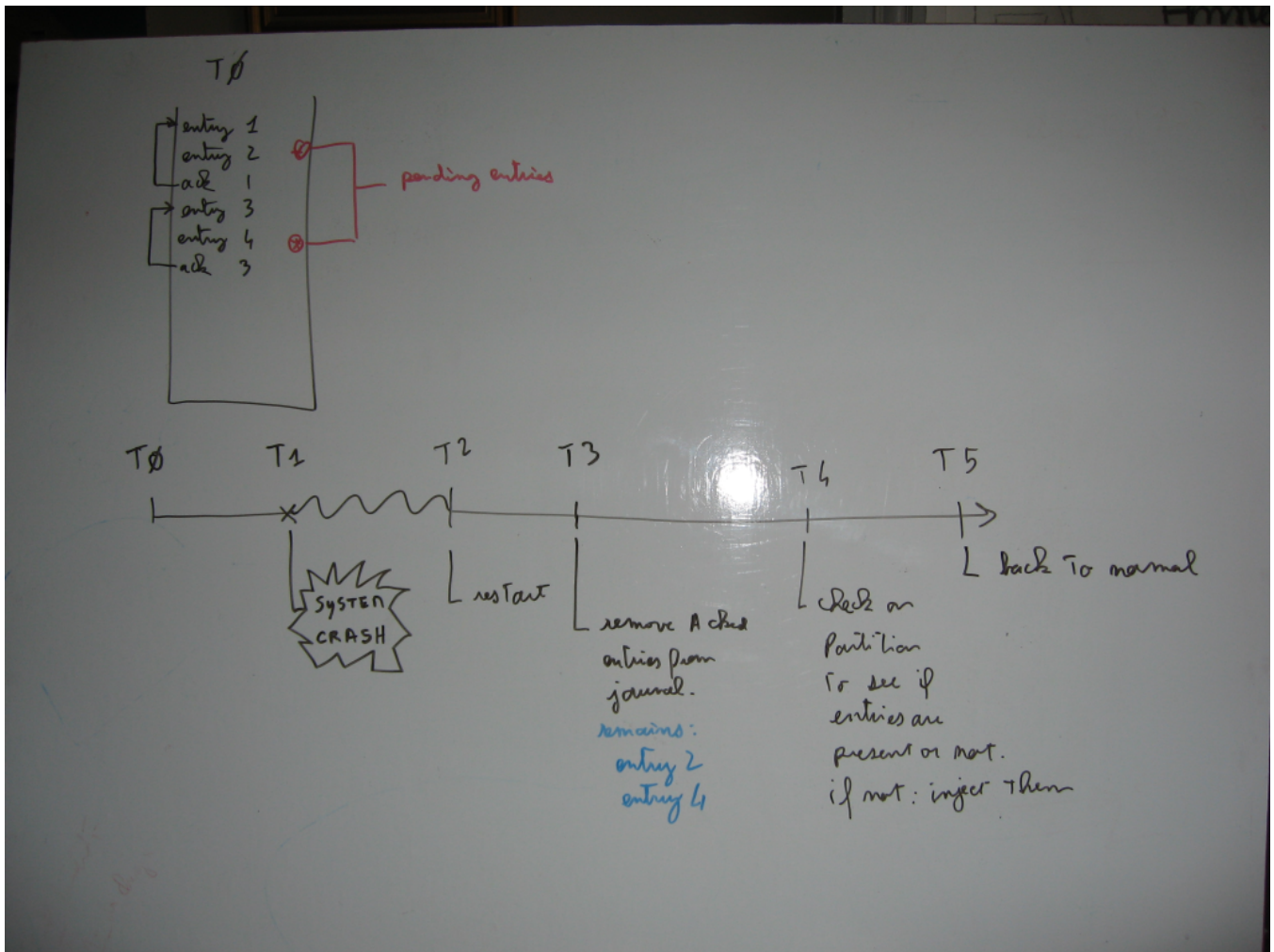
Here is a quick schema showing how the Journal is created :



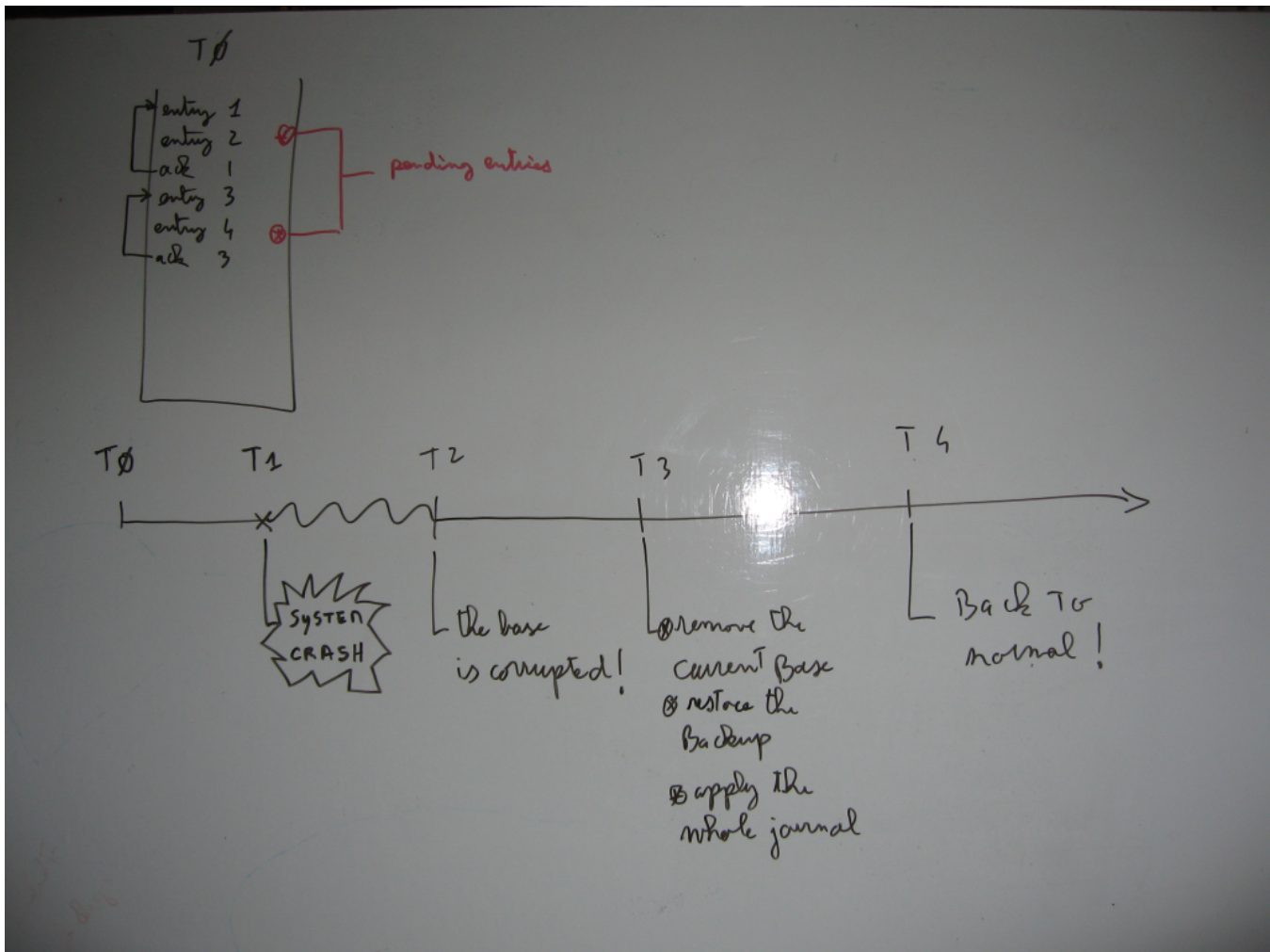
## DRS strategies

The two following schema demonstrate the strategies we can follow in order to get the server back to production after a crash :

When the backend is not corrupted



When the backend is corrupted

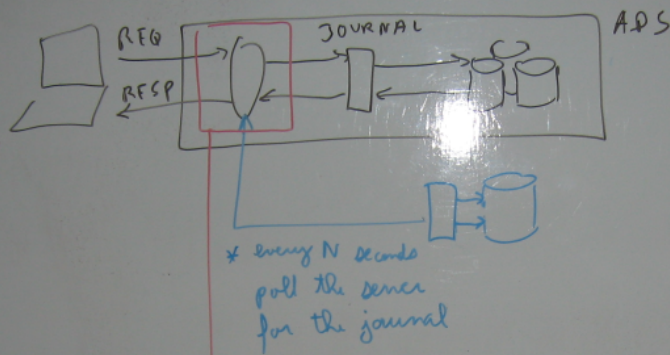


## How the backup is managed

This is a schema showing how the backup is created



# BACKUP SYSTEM



- block incoming REQ
  - rotate the journal
  - send all the added entries to the backend
  - when done, remove all the added entries from the journal
  - stop the backup
  - save the backup files
- lock is released when the journal has been rotated