```
@@ -1458,7 +1458,12 @@ Status BackupEngineImpl::GarbageCollect() {
                    // delete obsolete shared files
1458
     1458
1459
     1459
                    std::vector<std::string> shared children;
1460 1460
                      auto shared path = GetAbsolutePath(GetSharedFileRel());
1461
                      std::string shared path;
     1461
                      if (options .share files with checksum) {
     1462 +
                        shared_path =
     1463 +
                GetAbsolutePath(GetSharedFileWithChecksumRel());
                      } else {
     1464 +
                        shared path = GetAbsolutePath(GetSharedFileRel());
     1465
     1466 +
                      auto s = backup_env_->FileExists(shared_path);
1462
     1467
1463
                      if (s.ok()) {
     1468
                        s = backup_env_->GetChildren(shared_path, &shared_children);
1464
     1469
                @@ -1470,7 +1475,12 @@ Status BackupEngineImpl::GarbageCollect() {
     1475
                      }
1470
     1476
                    }
1471
                    for (auto& child : shared_children) {
1472
     1477
                      std::string rel fname = GetSharedFileRel(child);
1473
                      std::string rel_fname;
     1478
                      if (options .share files with checksum) {
     1479 +
     1480
                        rel_fname = GetSharedFileWithChecksumRel(child);
     1481
                      } else {
                        rel_fname = GetSharedFileRel(child);
     1482
     1483 +
                      }
                      auto child itr = backuped file infos .find(rel fname);
1474 1484
                      // if it's not refcounted, delete it
1475 1485
1476
     1486
                      if (child_itr == backuped_file_infos_.end() ||
            backup garbage collect shared_checksum tmp files
Reference
           fix: Add share_files_with_checksum option to GarbageCollect ( )
Ours
           Fix GarbageCollect to use a new thread
Ptr-Net
CoRec
           Gracefully fail in <unk> ( )
```