QoreStor Refcount Script - Quick Reference

# TL;DR

This script migrates refcount data between standard and alternate QoreStor layouts, with support for scan-only, dry-run, and live modes. It copies data safely, verifies integrity, and updates /etc/oca/oca.cfg with the correct TGTSSDDIR and PLATFORM\_DS\_REFCNTS\_ON\_SSD settings.

# Usage

script.sh [--dry-run] [--scan-only] [--checksum-verify] [MOUNTPOINT]  
  
Options:  
 --dry-run Simulate copy/verify and preview config changes.  
 --scan-only Scan refcnt sizes only.  
 --checksum-verify Stronger verification using checksum.  
 MOUNTPOINT Target mount path for SSD.

# Key Features

- Auto-detects Standard vs Alternate layouts.  
- Scans refcnt sizes across repositories.  
- Copies data with rsync + progress bar (live) or simulated bar (dry-run).  
- Verifies data (optionally with checksums).  
- Updates config safely (backup, replace-or-insert TGTSSDDIR, set PLATFORM\_DS\_REFCNTS\_ON\_SSD=1).  
- Controls ocards service: stop before copy, start after config update.  
- Logs everything to /var/log/oca\_edit/.

# Workflow

1. Detect repo layout from /etc/oca/oca.cfg.  
2. Scan refcnt directories and compute total size.  
3. (Dry-run) Simulate rsync, show progress, preview config edits.  
4. (Live) Stop service, copy refcnt data, verify (if enabled).  
5. Update /etc/oca/oca.cfg safely.  
6. Restart service and confirm operational state.  
7. Print run summary + log path.