Reclaimed Space Monitor — Quick Start Guide

Script filename: *monitor_reclaimed.sh*

Purpose

The Reclaimed Space Monitor provides a real-time terminal display of reclaimed storage bytes from the QoreStor cleaner process. It reads from 'ctrlrpc -p 9911 show.cleaner_status', calculates per-group reclaimed totals (LOCAL/CLOUD/GRAND), and visualizes trends using color-coded sparklines and rate deltas. Ideal for long-running monitoring sessions or capacity audits.

Quick Setup

1) Make the script executable:

```
chmod +x monitor_reclaimed.sh
```

2) Run it from your terminal:

```
./monitor_reclaimed.sh
```

3) (Optional) Enable CSV logging:

```
./monitor_reclaimed.sh --csv
```

Key Controls

```
+  Faster (–5 min)
–  Slower (+5 min)
r  Refresh immediately
p  Pause/Resume
b  New baseline (reset deltas)
h  Toggle help strip
c  Toggle countdown
f  Toggle footer bar
q  Quit
```

Display Elements

• Header: start time, updated time, refresh interval, and status (RUNNING/PAUSED).

• LOCAL/CLOUD: reclaimed totals, deltas, cleaner period start, average rate, instant rate, and sparkline trend.

• GRAND: total reclaimed across all groups.

• Footer: countdown to next refresh (color-coded).

Color Logic

Sparklines show trend direction per interval:
• Green — Reclaim rate increased
• Red — Reclaim rate decreased
• Grey — Stable (within deadband tolerance)

Deadband thresholds can be tuned:
  COLOR_DEADBAND_PCT=2 # relative %
  COLOR_DEADBAND_ABS_BPH=0 # absolute B/h floor

Example Usage

```
./monitor_reclaimed.sh -i 300 --csv

SPARK_WIDTH=60 SPARK_POINTS=20 ./monitor_reclaimed.sh
```

Exit & Cleanup

Press 'q' to quit — the terminal is restored to normal state (cursor and colors). CSV files, if enabled, are saved automatically in the working directory.