PERSONAL TECHNICAL EXAMPLE · 2 OCTOBER 2026

Feed changes without blind notification retries

RSS → SQLite → persistent outbox → notification adapter

12 local checks passed · Executed 20:27 Paris, 2 October 2026

The behavior exercised

PASS	First collection establishes a baseline without historical notifications.
PASS	A new publication creates one queued notification.
PASS	A send is confirmed only with a valid message identifier.
PASS	Restart and unchanged feed produce no additional send.
PASS	Changed publication content is recorded as an update.
PASS	An ambiguous response is preserved and not retried blindly.
PASS	HTTP 429 is not counted as successful delivery.
PASS	Unsubscribe cancels queued messages.
PASS	An unsubscribed chat receives no new queued notification.
PASS	Invalid feed is refused without losing known publications.
PASS	Empty feed is an error, not a reset of the baseline.
PASS	A crash during sending becomes an uncertain delivery on restart.

> **Scope of this evidence**
> Local HTTP RSS fixture, synthetic publications and simulated Telegram-shaped API. Three mock POSTs; one confirmed mock delivery. No live Telegram user, official legal source, legal interpretation or production deployment. Telegram command polling and scheduling are still to implement. This does not guarantee exactly-once delivery or detection of every legislative amendment.

A small first pilot

One agreed official RSS feed, one language, one bot, subscribe/unsubscribe, source title/date/link and published excerpt. Validate a test chat before activation; extend to other sources after their format and access are checked.

Python standard library and SQLite · Results and prototype source retained · References reviewed: Telegram Bot API and RSS 2.0 specification.