

# Automation Toolkit Overview

JTL Docs — Toolkit API Model (Artifact)

Generated: 2026-02-13

## What this is

This PDF is the official, downloadable summary of the **JTL Automation API Model** described on */automation-toolkit.html*. It captures the mental model, endpoints, and release contract that turns “scripts” into a predictable platform workflow.

## The Toolkit as an Engineering API

- **API Intent** — why automation exists (reliability, repeatability, safe releases).
- **API Surface** — discoverable capabilities (scripts, templates, CI building blocks).
- **API Pipeline** — predictable workflow from validation to deployment.
- **API Safety** — guardrails: pre-checks, linting, validation before shipping.
- **API Assets** — reusable primitives teams compose instead of reinventing.
- **API Catalog** — searchable index of tools, patterns, and practices.
- **API Error Handling** — rollback, logging, remediation paths.
- **API Contract** — release checklist + quality gates for repeatable standards.

## Workflow

- **Create** → add pages/posts/scripts in predictable paths.
- **Validate** → links, anchors, routes, collisions.
- **Preview** → verify locally before PR/merge.
- **Release** → tag a freeze point (clean milestone).
- **Deploy** → ship from a known-good baseline.
- **Observe** → confirm production matches intent.
- **Recover** → checkout tag → validate → fix → redeploy.

## Stable downloads (contract)

These URLs are intended to remain stable across refactors:

- **/docs/automation-toolkit-overview.pdf** — this document.
- **/docs/powershell-starter-pack.zip** — starter pack with key helpers + README.

- `/downloads/validate-site.mjs` — site/link validator.
- `/downloads/Tag-Release.ps1` — release tagging controller.
- `/downloads/bust-styles.ps1` — style normalization helper (optional).

## Release checklist (minimum)

- Local sanity: layout centered and consistent.
- Header/footer links return 200 (no 404).
- Clean diff: refactors separated from content changes.
- Freeze point: tag a stable release with `Tag-Release.ps1`.
- Deploy from known-good baseline.
- Post-deploy verify: incognito checks (theme toggle, nav, downloads).

## Signature

Cloud Confidence. Delivered. — Justine Longla T■Lane