

changelog.md for @git.zone/tswatch

2026-03-24 - 3.3.2 - fix(config)

migrate project metadata and documentation to .smartconfig.json

- replace npmextra.json with .smartconfig.json in package files and documentation
- update dependency versions to align with the smartconfig-based setup
- allow watcher executions to be undefined until a process starts

2026-03-24 - 3.3.1 - fix(config)

switch configuration loading and saving from npmextra.json to smartconfig.json

- replace the @push.rocks/npmextra dependency with @push.rocks/smartconfig
- update config handling, CLI messaging, and init flow to use smartconfig.json consistently

2026-03-10 - 3.3.0 - feat(server)

use UtilityWebsiteServer for dev server, add domain option, update docs, and bump dependencies

- Replace TypedServer with UtilityWebsiteServer in TsWatch (start/stop/reload adapted)
- Add server.domain config option and update interfaces
- Update readme to document UtilityWebsiteServer features (PWA, brotli+gzip, service worker, live reload via WebSocket) and add bundle config hints (outputMode, bundler, production)
- Bump dependencies and devDependencies (notable: @api.global/typedserver ^8.4.2, @git.zone/tsbundle ^2.9.1, @push.rocks/* updates)
- Remove unused taskbuffer export from tswatch.plugins.ts

2026-03-03 - 3.2.1 - fix(watcher)

ensure child processes are killed and awaited during shutdown; improve cleanup handlers; bump smartshell dependency to ^3.3.2

- Await child process kill() calls in restart and stop to avoid race conditions and ensure proper termination.
- Add last-resort synchronous SIGKILL in process 'exit' handler to terminate orphaned child processes.
- Make SIGINT and timeout handlers async and await stop() to perform a clean shutdown before exiting.
- Bump @push.rocks/smartshell from ^3.3.0 to ^3.3.2 in package.json.

2026-02-24 - 3.2.0 - feat(bundle)

add configurable bundle output modes and bundler options (support base64ts, production builds, includeFiles, maxLineLength) and route non-default outputs to a CustomBundleHandler

- Added new ITswatchConfig fields: outputMode, bundler, production, includeFiles, maxLineLength
- tswatch now creates a CustomBundleHandler and uses it when outputMode is not 'bundle' (e.g. base64ts)
- Default bundling path now reads bundler and production from bundleConfig (defaults to 'esbuild' and false)
- Bumped dependency @git.zone/tsbundle to ^2.9.0

2026-02-05 - 3.1.0 - feat(dev-server)

add no-cache headers to built-in development server; update docs and bump dependencies

- Introduce noCache: true in ts/tswatch.classes.tswatch.ts to send Cache-Control: no-store, no-cache during development (prevents browser caching).
- Update documentation to describe no-caching behavior (readme.md and readme.hints.md).
- Bump dependencies: @git.zone/tstest ^3.1.8, @types/node ^25.2.1, @push.rocks/npmextra ^5.3.3, @push.rocks/taskbuffer ^4.2.0.

2026-01-24 - 3.0.1 - fix(deps)

downgrade @push.rocks/smartinteract to ^2.0.16

- package.json: @push.rocks/smartinteract ^2.1.0 -> ^2.0.16

2026-01-24 - 3.0.0 - BREAKING CHANGE(tswatch)

refactor tswatch to a config-driven design (load config from npmextra.json) and add interactive init wizard; change TsWatch public API and enhance Watcher behavior

- Switch to config-driven operation: configuration read from npmextra.json under the key @git.zone/tswatch
- Added ConfigHandler for loading/merging presets and new TswatchInit interactive wizard (runInit) to create/save configuration
- Changed TsWatch constructor to accept ITswatchConfig and added TsWatch.fromConfig(cwd?) for loading from npmextra.json
- Significant public API change: previous watchmode string-based constructor/behavior removed/rewired — consumers must migrate to new config-based usage (breaking change)
- Watcher refactor: Watcher.fromConfig, named watchers, array/single path support, debounce, restart/queue handling, runOnStart, safer start/stop behavior and execution tracking
- New TypeScript interfaces: interfaces.config.ts (ITswatchConfig, IWatcherConfig, IServerConfig, IBundleConfig); removed/changed old watchmodes types
- CLI updated to use configuration if present or launch the init wizard; added init command
- Updated tests to cover ConfigHandler, Watcher, and TsWatch config-driven behavior
- Updated dependencies and plugin usage (added @push.rocks/npmextra, @push.rocks/smartinteract; bumped several @git.zone and @push.rocks package versions)

2025-12-11 - 2.3.13 - fix(@push.rocks/smartwatch)

Update @push.rocks/smartwatch dependency to ^6.3.0

- Bump @push.rocks/smartwatch from ^6.2.5 to ^6.3.0 in package.json
- Dependency-only change; no source files modified

2025-12-11 - 2.3.12 - fix(smartwatch)

Bump @push.rocks/smartwatch from ^6.2.4 to ^6.2.5

- Updated dependency @push.rocks/smartwatch to ^6.2.5 in package.json
- No source code changes; dependency version bump only

2025-12-11 - 2.3.11 - fix(typedserver)

Add cross-origin security headers to element mode dev server

- Set crossOriginOpenerPolicy to 'same-origin' and crossOriginEmbedderPolicy to 'require-corp' on the TypedServer used in element mode.
- Improves security and enables cross-origin isolation (e.g. for SharedArrayBuffer) during local development.
- Applies to the development server serving ./dist_watch/ on port 3002.

2025-12-11 - 2.3.10 - fix(dependencies)

Bump dependency versions: @types/node to ^25.0.0 and @push.rocks/smartwatch to ^6.2.4

- Update devDependency @types/node from ^24.10.2 to ^25.0.0
- Update dependency @push.rocks/smartwatch from ^6.2.3 to ^6.2.4

2025-12-11 - 2.3.9 - fix(smartwatch)

Bump @push.rocks/smartwatch dependency to ^6.2.3

- Updated dependency @push.rocks/smartwatch from ^6.2.2 to ^6.2.3
- No source code changes; dependency version bump only

2025-12-11 - 2.3.8 - fix(@push.rocks/smartwatch)

Bump @push.rocks/smartwatch dependency to ^6.2.2

- package.json: updated @push.rocks/smartwatch from ^6.2.1 to ^6.2.2

2025-12-10 - 2.3.7 - fix(smartwatch)

Bump @push.rocks/smartwatch dependency to ^6.2.1

- Updated dependency @push.rocks/smartwatch from ^6.2.0 to ^6.2.1 in package.json

2025-12-10 - 2.3.6 - fix(dependencies)

Bump @types/node to ^24.10.2 and @push.rocks/smartwatch to ^6.2.0

- Dev dependency @types/node updated from ^24.10.1 to ^24.10.2
- Dependency @push.rocks/smartwatch updated from ^6.1.1 to ^6.2.0

2025-12-08 - 2.3.5 - fix(dependencies)

Update @push.rocks/smartwatch dependency to ^6.1.1

- Bump @push.rocks/smartwatch from ^6.1.0 to ^6.1.1 in package.json
- Only package.json changed; no source code modifications

2025-12-08 - 2.3.4 - fix(dependencies.@push.rocks/sm artwatch)

Bump @push.rocks/smartwatch dependency to ^6.1.0

- Updated package.json dependency @push.rocks/smartwatch from ^6.0.0 to ^6.1.0

2025-12-08 - 2.3.3 - fix(dependencies)

Bump dependencies: @api.global/typedserver to ^7.11.1 and @push.rocks/smartwatch to ^6.0.0

- Updated @api.global/typedserver from ^7.11.0 to ^7.11.1 (patch).
- Updated @push.rocks/smartwatch from ^5.1.0 to ^6.0.0 (major). Verify compatibility as this may include breaking changes in that dependency.
- Change is limited to package.json (dependency version updates).

2025-12-08 - 2.3.2 - fix(smartwatch)

Bump @push.rocks/smartwatch dependency to ^5.1.0

- Updated dependency @push.rocks/smartwatch from ^5.0.0 to ^5.1.0 in package.json

2025-12-08 - 2.3.1 - fix(element)

Enable SPA fallback in element dev server

- Add spaFallback: true to the TypedServer configuration used in element mode.
- Improves developer experience for single-page apps by serving the index file for unknown routes during development and supporting client-side routing.

2025-12-08 - 2.3.0 - feat(typedserver)

Enable compression for element development server and update @api.global/typedserver dependency

- Enable HTTP compression (compression: true) for the element mode development server (TypedServer) to improve asset delivery during development.
- Bump dependency @api.global/typedserver from ^7.10.2 to ^7.11.0 in package.json.

2025-12-08 - 2.2.5 - fix(typedserver)

Update @api.global/typedserver to ^7.10.2 and remove deprecated compression options from TypedServer initialization

- Bump @api.global/typedserver dependency from ^7.4.1 to ^7.10.2.
- Remove enableCompression and preferredCompressionMethod options when creating TypedServer in element mode to be compatible with the newer API.

2025-12-04 - 2.2.4 - fix(dependencies)

Bump dependency versions: @api.global/typedserver, @git.zone/tsbundle, @push.rocks/smartfs, @push.rocks/taskbuffer

- Upgrade @api.global/typedserver from ^3.0.80 to ^7.4.1
- Upgrade @git.zone/tsbundle from ^2.6.2 to ^2.6.3
- Upgrade @push.rocks/smartfs from ^1.1.3 to ^1.2.0
- Upgrade @push.rocks/taskbuffer from ^3.4.0 to ^3.5.0

2025-12-04 - 2.2.3 - fix(tswatch.classes.watcher)

Convert directory watch paths to glob patterns for smartwatch compatibility

- Watcher: convert directory paths to recursive glob patterns before adding them to Smartwatch so directories are watched recursively (e.g. /path/to/dir/ -> /path/to/dir/**/*).
- Readme: added migration note explaining that directory paths are converted to glob patterns for smartwatch compatibility.

2025-12-01 - 2.2.2 - fix(core)

Replace smartchok/smartfile with smartwatch/smartfs, update watcher and plugins, and bump dependencies

- Replaced @push.rocks/smartchok with @push.rocks/smartwatch and updated Watcher to use Smartwatch (add/start/stop/getObservableFor).
- Replaced @push.rocks/smartfile with @push.rocks/smartfs and added SmartFs usage (SmartFsProviderNode) plus a listFolders helper used by TsWatch.
- Updated tswatch.plugins.ts to export smartfs and smartwatch and removed smartchok/smartfile exports.
- Updated tswatch.classes.watcher.ts and tswatch.classes.tswatch.ts to use the new smartwatch/smartfs APIs and adjusted directory listing and watcher logic accordingly.
- Bumped several devDependencies and dependencies in package.json (tsbuild, tstest, @api.global/typedserver, @git.zone/tsbundle, @git.zone/tsrun, @push.rocks/* packages).

- Documentation updates: readme.md and readme.hints.md include migration notes and Issue Reporting & Security section.

2025-07-29 - 2.2.1 - fix(exports)

Fix package.json exports field syntax

- Fixed exports field syntax from "./" to "." for proper module resolution

2025-07-29 - 2.2.0 - feat(exports)

Modernize package exports and expose watcher class

- Updated package.json to use modern exports field instead of main/typings
- Exposed Tswatch watcher class through index exports

2025-07-29 - 2.1.3 - fix(documentation)

Update and align documentation with internal CLI and project structure

- Refined readme.md and readme.hints.md to clearly describe the various watch modes and project setup
- Ensured the CLI command mappings in tswatch.cli.ts are documented for consistent usage
- Included update to internal commit information file for clarity

2025-06-26 - 2.1.2 - fix(dependencies)

Update @push.rocks/smartchok dependency to ^1.1.1

- Bump @push.rocks/smartchok version from ^1.0.34 to ^1.1.1 in package.json

2025-06-26 - 2.1.1 - fix(deps)

Update dependency versions and test import paths for enhanced stability

- Bump @git.zone/tsbuild from 2.2.1 to 2.6.4
- Upgrade @git.zone/tstest from 1.0.96 to 2.3.1 and update test import path
- Update @api.global/typedserver from 3.0.55 to 3.0.74
- Update @git.zone/tsbundle from 2.2.1 to 2.5.1
- Bump @push.rocks/lik from 6.1.0 to 6.2.2
- Update @push.rocks/smartfile from 11.1.6 to 11.2.5
- Upgrade @push.rocks/smartlog from 3.0.7 to 3.1.8
- Bump @push.rocks/smartshell from 3.2.2 to 3.2.3
- Upgrade @types/node from 22.12.0 to 24.0.4
- Add packageManager field in package.json for pnpm v10.11.0

2025-01-29 - 2.1.0 - feat(CI)

Add Continuous Integration workflows for Gitea with Docker-based setup

- Added new CI workflows for handling both regular and tagged pushes in Gitea.
- Integrated security audits and setup tasks using Docker images in the CI workflows.
- Ensured that CI includes testing, building, and releasing steps as per tag events.

2025-01-29 - 2.0.39 - fix(package.json)

Add pnpm overrides configuration for peek-readable package

- Added pnpm overrides section in package.json
- Specified version 5.3.1 for peek-readable package

2025-01-29 - 2.0.38 - fix(core)

Updated dependencies and added assetsHandler instantiation

- Updated various dependencies in package.json to latest versions.
- Added assetsHandler instantiation in TsWatch class to improve functionality.

2024-12-09 - 2.0.37 - fix(core)

Refactor TsWatch class to improve website execution handling

- Removed unnecessary Smartshell instance creation in TsWatch class.
- Ensured websiteExecution restarts and website bundle reloads in watcher function.

2024-12-09 - 2.0.36 - fix(dependencies)

Update @push.rocks/smartshell dependency version

- Upgrade @push.rocks/smartshell to version ^3.2.0 from ^3.1.0 in package.json

2024-12-09 - 2.0.35 - fix(core)

Fixed website watch mode execution method

- Replaced direct shell command execution with SmartExecution instance for website mode.
- Updated dependency version for @push.rocks/smartshell to ^3.1.0.

2024-12-04 - 2.0.34 - fix(TsWatch)

Fix reloading issue for tsfolder changes in element mode.

- Adjusted the function call from 'this.typedserver.reload()' to 'bundleAndReloadElement()' to ensure proper bundle handling in 'element' mode.

2024-12-04 - 2.0.33 - fix(core)

Improve async handling in TsWatch class for element and website modes

- Ensured proper asynchronous execution for 'element' and 'website' watch modes.
- Replaced console log with logger for consistency.

2024-12-04 - 2.0.32 - fix(core)

Minor improvements and dependency updates

- Updated dependencies for improved performance
- Refined TypeScript project watching logic

2024-12-04 - 2.0.31 - fix(Watcher)

Add missing logger message in Watcher class for start method

- Added a log message when starting a watcher to track file path being watched

2024-12-04 - 2.0.30 - fix(cli)

Fix incorrect watch mode and update npm test command.

- Updated the npm test command in .vscode/launch.json for streamlined launching.
- Corrected the watch mode from 'echoSomething' to 'echo' in test/test.ts.

2024-12-04 - 2.0.29 - fix(core)

No changes detected in the codebase.

2024-12-04 - 2.0.28 - fix(tswatch)

Add logging to notify folder watcher creation and building processes

- Logging added to notify the creation of folder watchers.

- Logging added to indicate the start of the building process for folders.

2024-12-04 - 2.0.27 - fix(core)

Refactor watch mode commands and exports

- Updated watch mode names in CLI and type definitions for consistency.
- Added export for smartfile plugin.
- Ensured updated command logic is applied during CLI operations.

2024-12-04 - 2.0.26 - fix(core)

Refactor watch modes and update dependencies

- Updated dependencies in package.json
- Refactored watch mode names in interfaces and classes
- Refactored CLI commands to use new watch mode names
- Added import for smartfile in tswatch.plugins.ts

2024-10-27 - 2.0.25 - fix(typescript)

Remove unnecessary reference types in TypeScript declaration files

- Removed unnecessary comment line from TypeScript declaration files.

2024-10-27 - 2.0.24 - fix(core)

Remove .gitlab-ci.yml and update dependencies in package.json

- Deleted .gitlab-ci.yml which contained CI/CD configuration settings.
- Updated various dependencies and devDependencies in package.json to newer versions.

2024-01-28 to 2024-01-09 - 2.0.14 to 2.0.23 - Core

Several updates to the core functionality.

- Updated core functionality for efficiency and stability.

2023-09-21 to 2023-01-28 - 2.0.8 to 2.0.13 - Core

Core system updates and fixes.

- Continuous updates to core functionality for improved performance.

2023-03-31 to 2022-08-04 - 2.0.0 to 2.0.7 - Core

Enhanced core operations.

- Regular core updates to address performance and reliability.

2022-05-04 - 1.0.81 - Core

Introduction of a breaking change in the core system.

- Switched to gitzone v2 generation tools.

2022-04-21 to 2022-03-18 - 1.0.62 to 1.0.80 - Core

Routine updates to core operations.

- Various core fixes enhancing stability and function.

2022-03-14 to 2022-03-18 - 1.0.61 to 1.0.75 - Core

Further adjustments to core functionality.

- Fixes across multiple modules in core.

2021-08-17 to 2020-07-07 - 1.0.46 to 1.0.60 - Core

Core component updates.

- Consistent core updates to refine performance.

2020-07-04 to 2020-05-22 - 1.0.39 to 1.0.45 - Core

Incremental updates to core systems.

- Enhanced features within the core for better integration.

2020-03-13 to 2020-03-05 - 1.0.30 to 1.0.38 - Core

Stabilizing and refining core functions.

- Series of core fixes improving overall system durability.

2019-10-14 to 2019-10-12 - 1.0.21 to 1.0.29 - Core

Tweaks and enhancements to the core mechanics.

- Continued improvements in core system support services.

2019-05-28 to 2019-05-06 - 1.0.10 to 1.0.20 - Core

Core module enhancements and fixes.

- Several iterations to the core functionality for increased resilience.

2019-05-06 to 2019-05-08 - 1.0.5 to 1.0.9 - Core

Regular updates ensuring core integrity.

- Stability improvements within the core services.

2018-10-28 - 1.0.1 to 1.0.3 - Core

Initial setup and fixes to the core.

- Foundational updates to core functionality.

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