

changelog.md for @push.rocks/smartjson

2025-12-10 - 6.0.0 - BREAKING CHANGE(Smartjson)

Require TC39 Stage 3 decorators for @foldDec (use accessor), switch foldDec to initializer-based implementation, improve buffer encode/decode handling, bump dependencies and update docs/tests.

- foldDec now implements TC39 Stage 3 accessor decorators and must be used with the 'accessor' keyword (e.g. '@foldDec() accessor prop: T'). The decorator registers saveable properties via context.addInitializer so properties are tracked per-instance.
- Buffer handling rewritten: replacer/reviver handle Uint8Array and Buffer cross-platform; EncodedBuffer.data now uses a 'base64:' prefix and reviver returns a Uint8Array. This changes the serialized representation of buffers.
- tsconfig updated to remove experimentalDecorators and useDefineForClassFields overrides — project now targets modern TypeScript decorator support (ensure your toolchain supports Stage 3 decorators).
- Documentation (readme and hints) and tests updated to reflect accessor-based decorators and new buffer handling.
- Dependencies bumped: @push.rocks/smartenv -> ^6.0.0, dev deps @git.zone/tsbuild, @git.zone/tsrun, @git.zone/tstest upgraded, and @types/node -> ^24.0.0.
- Removed pnpm-workspace.yaml onlyBuiltDependencies entries.

2025-09-12 - 5.2.0 - feat(smartjson)

Implement stableOneWayStringify: deterministic, cycle-safe JSON for hashing/comparisons; update docs and tests

- Implement `stableOneWayStringify` in `ts/index.ts`: produces deterministic JSON, encodes buffers, replaces circular references with "**cycle**" and marks unserializable values as "**unserializable**".
- Update README: add documentation and examples for `stableOneWayStringify`, clarify JSONL wording, and update performance/migration notes.
- Add unit test to verify `stableOneWayStringify` handles circular references without throwing.
- Add `.claude/settings.local.json` (local settings/config) as part of the change set.

2025-09-12 - 5.1.0 - feat(smartjson)

Add JSONL stringify and ordering comparator; fix empty buffer handling; refactor Smartjson folding/enfolding

- Export `stringifyJsonL(items: any[])` and add README documentation for JSONL stringification
- `stringify(obj, simpleOrderArray)` now derives a stable-json comparator from `simpleOrderArray` when no custom `cmp` is provided, ensuring predictable key ordering
- Fix buffer handling: empty `Uint8Array` values are preserved (no longer serialized to an empty string) and encoding/decoding logic improved
- Refactor `Smartjson.enfoldFromObject` to safely use `saveableProperties` and avoid repeated property access
- Simplify `Smartjson.foldToObject` to delegate to an internal `foldToObjectInternal` with cycle detection and correct nested instance handling
- Add unit tests for empty buffers, JSONL parse/stringify, `deepEqualJsonLStrings`, and `simpleOrderArray` comparator behavior

2025-09-12 - 5.0.21 - fix(Smartjson)

Cross-platform buffer/base64 handling, safer folding with cycle detection, parsing fixes, docs and dependency updates

- `bufferhandling`: prefer Node Buffer for base64 encode/decode when available and fall back to browser APIs for cross-platform support

- parsejsonL: more robust parsing of JSON Lines (trim lines and use smartjson.parse to restore buffers/typed arrays)
- parseBase64: use smartstring.base64.decodeUri or decode fallback before parsing, then parse result via smartjson.parse
- Smartjson class: add TypeScript generics to enfold methods, introduce foldToObjectInternal and robust cycle detection using Set, properly handle arrays and deep-clone values
- Tests: updated tap import path to @git.zone/tstest/tapbundle
- package.json: bumped several devDependencies and dependency versions and added packageManager pin
- Documentation: expanded README with examples, API reference and usage guidance
- Repo config: added pnpm-workspace.yaml and .claude/settings.local.json

2024-05-29 - 5.0.20 - docs

Update package description.

- Update package description text.

2024-05-27 - 5.0.19 - core

Core fixes.

- Miscellaneous core updates and fixes.

2024-04-17 - 5.0.18 - core

Core fixes.

- Miscellaneous core updates and fixes.

2024-04-17 - 5.0.17 - core

Core fixes.

- Miscellaneous core updates and fixes.

2024-04-17 - 5.0.16 - build/core

Build/config updates and core fixes.

- Updated tsconfig configuration (2024-04-14).
- Updated npmextra.json githost entries (multiple updates in early April).
- Miscellaneous core updates and fixes.

2024-03-19 - 5.0.15 - core

Core fixes.

- Miscellaneous core updates and fixes.

2024-03-19 - 5.0.14 - core

Core fixes.

- Miscellaneous core updates and fixes.

2024-03-03 - 5.0.13 - core

Core fixes.

- Miscellaneous core updates and fixes.

2024-03-03 - 5.0.12 - core

Core fixes.

- Miscellaneous core updates and fixes.

2024-03-03 - 5.0.11 - core

Core fixes.

- Miscellaneous core updates and fixes.

2024-02-25 - 5.0.10 - core

Core fixes.

- Miscellaneous core updates and fixes.

2023-08-24 - 5.0.9 - core

Core fixes.

- Miscellaneous core updates and fixes.

2023-08-19 - 5.0.8 - core

Core fixes.

- Miscellaneous core updates and fixes.

2023-08-19 - 5.0.7 - core

Core fixes.

- Miscellaneous core updates and fixes.

2023-07-10 - 5.0.6 - infra/core

Organization and core updates.

- Switched to new organization scheme.
- Miscellaneous core updates and fixes.

2023-06-03 - 5.0.5 - core

Core fixes.

- Miscellaneous core updates and fixes.

2022-10-26 - 5.0.4 - core

Core fixes.

- Miscellaneous core updates and fixes.

2022-10-26 - 5.0.3 - core

Core fixes.

- Miscellaneous core updates and fixes.

2022-10-26 - 5.0.2 - core

Core fixes.

- Miscellaneous core updates and fixes.

2022-09-13 - 5.0.1 - core

Core fixes.

- Miscellaneous core updates and fixes.

2022-06-26 - 5.0.0 - core

Core fixes.

- Miscellaneous core updates and fixes.

2022-06-09 - 4.0.7 - core (BREAKING CHANGE)

Breaking change in core.

- BREAKING CHANGE: core-related update (see code/compat notes).
- Miscellaneous core updates.

2022-06-09 - 4.0.6 - core

Core fixes.

- Miscellaneous core updates and fixes.

2020-10-05 - 4.0.4 - core

Core fixes.

- Miscellaneous core updates and fixes.

2020-10-05 - 4.0.3 - core

Core fixes.

- Miscellaneous core updates and fixes.

2020-10-05 - 4.0.2 - core

Core fixes.

- Miscellaneous core updates and fixes.

2020-10-05 - 4.0.1 - core

Core fixes.

- Miscellaneous core updates and fixes.

2020-10-05 - 4.0.0 - core

Core fixes.

- Miscellaneous core updates and fixes.

2020-10-05 - 3.0.12 - core (BREAKING CHANGE)

Breaking change in core.

- BREAKING CHANGE: core-related update (see migration notes).
- Miscellaneous core updates.

2020-10-03 - 3.0.11 - core

Core fixes.

- Miscellaneous core updates and fixes.

2020-10-03 - 3.0.10 - core

Core fixes.

- Miscellaneous core updates and fixes.

2019-02-14 - 3.0.0 - security

Security-related update.

- Added snyk policy for security scanning.

2019-02-14 - 2.0.2 - core (BREAKING CHANGE)

Breaking change in core API.

- BREAKING CHANGE: renamed Folable to Smartjson and added deterministic stringify.
- Update consumers accordingly.

2018-09-05 - 2.0.1 - core

Core fixes.

- Miscellaneous core updates and fixes.

2018-07-23 - 1.0.1 - scope (BREAKING CHANGE)

Scope change.

- BREAKING CHANGE: changed package scope.
- See migration notes for scope changes.

2017-02-27 - 1.0.0 - docs/init

Initial release.

- Added README.
- Initial project files and setup.

2018-07-23 — 2019-12-15 - 2.0.0, 3.0.1, 3.0.9 - version-only releases

Version-only tags / non-descriptive releases.

- These releases are recorded as version bumps without additional changelog details.
- Affected tags: 2.0.0, 3.0.1, 3.0.9.

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