

# changelog.md for @git.zone/tsbundle

## 2026-03-24 - 2.10.0 - feat(config)

migrate project configuration to smartconfig.json and update bundler dependencies

- replace npmextra.json with .smartconfig.json and update CLI, init, and custom bundle loading references
- rename the smartconfig plugin export and load tsbundle configuration through the new config file
- update rolldown output settings to use codeSplitting: false instead of the deprecated inlineDynamicImports option
- refresh core build and bundler dependencies including rolldown, rspack, esbuild, TypeScript, and smartfs
- revise README documentation to reflect smartconfig.json usage and current bundler capabilities

## 2026-03-24 - 2.9.3 - fix(config)

migrate configuration loading and init output from npmextra.json to smartconfig.json

- replace @push.rocks/npmextra with @push.rocks/smartconfig
- load project configuration via Smartconfig in the custom module
- update init wizard to read from and write to smartconfig.json and adjust user-facing messages accordingly

## 2026-03-11 - 2.9.2 - fix(mod\_esbuild)

preserve function and class names in esbuild output by enabling keepNames in both dev and prod configs

- Added keepNames: true to esbuild options in ts/mod\_esbuild/index.child.ts for the non-minified/dev build
- Added keepNames: true to esbuild options in ts/mod\_esbuild/index.child.ts for the minified/production build to improve stack traces, debugging, and runtime reflection

## 2026-03-05 - 2.9.1 - fix(mod\_custom)

use absolute smartfs entry.path instead of joining with dirPath when building fullPath

- entry.path is already absolute (from smartfs); avoid joining it with dirPath which produced incorrect paths
- Fixes file copy path construction so plugins.fs.file(fullPath).copy(destPath) uses the correct source path

## 2026-02-24 - 2.9.0 - feat(exports)

expose mod\_custom, mod\_output and interfaces from entry; make processSingleBundle public

- Exported ./mod\_custom, ./mod\_output and ./interfaces from ts/index.ts to expose these modules in the public API.
- Changed processSingleBundle in ts/mod\_custom/index.ts from private to public to allow programmatic invocation.
- Non-breaking API expansion; recommend a minor version bump.

## 2026-02-24 - 2.8.4 - fix()

no changes — empty diff, nothing to commit

- Diff contained no modifications; no release required

## 2026-01-23 - 2.8.3 -

### fix(mod\_output)

use pattern base dir when computing relative paths for files to serve

- Compute `relativePath` using the pattern base directory (`dirPath`) instead of `this.cwd` to ensure correct web-serving paths for absolute or relative `entry.path` values.
- File changed: `ts/mod_output/index.ts` — replaces `plugins.path.relative(this.cwd, fullPath)` with `plugins.path.relative(dirPath, fullPath)` and adds clarifying comment.

## 2026-01-23 - 2.8.2 -

### fix(mod\_output)

resolve absolute and relative `entry.path` correctly when adding files

- Add check for `plugins.path.isAbsolute(entry.path)` to avoid incorrectly joining absolute paths with `dirPath`
- Use `entry.path` directly when it's absolute, otherwise join with `dirPath`
- Ensures correct `relativePath` calculation and prevents invalid file reads

## 2026-01-12 - 2.8.1 - fix(readme)

document `maxLength` option for `base64ts` output and add example and tip

- Add documented `maxLength` configuration option (number, default 0 = unlimited) for `base64ts` output.
- Include example config showing `maxLength: 200`.
- Add a tip recommending setting `maxLength` to split long base64 strings when using AI tools with line-length limits.

## 2026-01-12 - 2.8.0 - feat(tsbundle)

add configurable `maxLength` for `base64ts` output and improve build/error handling in child builds

- Add optional `maxLineLength?`: number to `IBundleConfig` to control max characters per line for base64ts output (0 or undefined = unlimited).
- Support splitting base64 strings when `maxLineLength` is specified; `generateTypeScript(maxLineLength?)` and `writeToFile(outputPath, maxLineLength?)` updated to accept and apply this setting.
- Pass `bundleConfig.maxLineLength` through in `mod_custom` so base64ts output respects bundle configuration.
- Wrap `TsBundle.build` in `mod_custom` with `try/catch` to log failures and skip output handling when build fails.
- `tsbundle.class` now rejects the bundle promise when the child process exits with a non-zero status.
- `mod_esbuild` child process now awaits builds, exits with appropriate success/failure codes, and formats esbuild errors for clearer console output.

## 2026-01-12 - 2.7.4 - fix(deps)

bump `@push.rocks/smartcli` dependency to `^4.0.20`

- `@push.rocks/smartcli`: `^4.0.19` → `^4.0.20`
- Patch-level dependency update with no breaking changes

## 2026-01-12 - 2.7.3 - fix(mod\_output)

wrap long base64 file contents and format generated TypeScript output to avoid extremely long lines

- Introduce `MAX_LINE_LENGTH` (200) and `formatBase64` to split long base64 strings into chunks and join them with string concatenation
- Emit the files array as nicely indented object entries instead of a single `JSON.stringify` output to improve readability and avoid extremely long lines

## 2026-01-12 - 2.7.2 - fix(readme)

update README to add interactive setup (`tsbundle init`), expand quick start and usage examples, include `pnpm install`, document embedding/base64ts output with Deno example, add project structure recommendations, and clarify license/trademark wording

- Add interactive setup command: `tsbundle init` and updated Quick Start flow
- Include pnpm global install instruction in installation section
- Replace API example with clarified build instructions and new bundle presets (element, website, npm, custom)
- Document embedded bundle output (base64ts) and Deno usage example for decoding/serving files
- Add recommended project structure and formatting improvements (emoji/icons, section reorganizations)
- Clarify license link and expand trademark wording to mention third-party trademarks and approval requirements

## 2026-01-11 - 2.7.1 - fix(package.json)

update repository URL to code.foss.global

- repository.url changed from <https://gitlab.com/gitzone/tsbundle.git> to <https://code.foss.global/git.zone/tsbundle.git>
- bugs.url in package.json still points to <https://gitlab.com/gitzone/tsbundle/issues>

## 2026-01-11 - 2.7.0 - feat(tsbundle)

add npmextra-driven custom bundles, base64-ts output and interactive init wizard

- Add CustomBundleHandler to process bundle configs from npmextra.json (ts/mod\_custom/\*)
- Implement Base64TsOutput for embedding bundled files as base64 TypeScript (ts/mod\_output/\*)
- Add interactive 'init' wizard to scaffold npmextra.json bundle presets (ts/mod\_init/\*)
- Wire new features into CLI: default command runs custom bundles, added 'custom' and 'init' commands (ts/tsbundle.cli.ts)
- Expose `@push.rocks/npmextra` and `@push.rocks/smartinteract` in plugins and add them to package.json dependencies
- Update npmextra.json structure and release registries configuration

## 2025-12-02 - 2.6.3 - fix(cli)

Use basename when collecting HTML files for the website CLI command to ensure correct relative paths

- `ts/tsc.ts`: use `plugins.path.basename(entry.path)` when building `htmlFiles` list instead of full `entry.path`
- Prevents incorrect paths when calling `HtmlHandler.processHtml` with  `'./html/'` and ensures HTML files are processed from the expected relative `html` directory

## 2025-11-30 - 2.6.2 - fix(deps)

Bump dependencies and migrate test fixtures to `ts_web`

- Bumped devDependencies: `@git.zone/tsbuild ^3.1.0 -> ^3.1.2`, `@types/node ^22.12.0 -> ^24.10.1`
- Bumped runtime dependencies: `@push.rocks/smartfs ^1.1.0 -> ^1.1.3`, `@rspack/core ^1.6.4 -> ^1.6.5`, `rolldown 1.0.0-beta.51 -> 1.0.0-beta.52`
- Reworked tests: removed `test/test-decorators.ts` and `test/ts_web/test-lit.ts`; added `test/ts_web/fixture-decorators.ts` and `test/ts_web/fixture-lit.ts` (moved fixtures into `ts_web`)
- Updated `package.json` to include the dependency version bumps

## 2025-11-23 - 2.6.1 - fix(license)

Update copyright holder in license to Task Venture Capital GmbH

- Replaced the copyright owner in the license file from `Lossless GmbH` to `Task Venture Capital GmbH`

## 2025-11-23 - 2.6.0 - feat(core)

Integrate `Rolldown` as optional bundler, migrate filesystem to `smartfs`, and update bundler/tooling

- Add optional `'rolldown'` bundler and wiring in `TsBundle` (supports `--bundler=rolldown`)
- Migrate filesystem usage from `@push.rocks/smartfile` to `@push.rocks/smartfs` and provide a shared async `SmartFs` instance
- Refactor `HtmlHandler` and `AssetsHandler` to use async `smartfs` APIs and improve HTML/asset processing (create dirs, write files, delete/replace targets)
- Update bundler child processes to read `tsconfig` async for alias resolution and normalize argument handling

- Bump dev and runtime dependencies: tsbuild, tsrun, tstest, rolldown, rspack, esbuild, typescript and related packages
- Add repository/metadata fields and pnpm section to package.json
- Add CI workflow definitions (.gitea/workflows) and docs build script (buildDocs)
- Update TypeScript config target to ES2022, adjust module settings and baseUrl/paths
- Small test and formatting fixes (test runners, HTML test, decorator test output formatting)

## 2025-11-17 - 2.5.2 - fix(tsconfig)

Update TypeScript configs to ES2022 and remove deprecated compiler flags

- assets/tsconfig.json: set target and module to ES2022 (was ES2020)
- assets/tsconfig.json and tsconfig.json: remove experimentalDecorators and useDefineForClassFields flags to align with updated TS setup

## 2025-06-26 - 2.5.1 - fix(readme)

Update license and legal information section in readme

- Replaced contribution guidelines with detailed legal and trademark information
- Clarified MIT license usage and limitations regarding trade names and trademarks
- Added company information for Task Venture Capital GmbH

## 2025-06-26 - 2.5.0 - feat(documentation)

Improve README with comprehensive installation, usage, and API reference details

- Updated installation instructions for both global and local setups
- Added a quick start guide featuring CLI usage and API examples
- Enhanced sections for available bundlers and specialized CLI commands
- Expanded API reference with detailed examples for TsBundle, HtmlHandler, and AssetsHandler
- Reorganized content to improve clarity and best practices guidance

# 2025-06-26 - 2.4.1 - fix(tests)

Improve decorator tests and add LitElement component tests for better validation

- Refactored test-decorators.ts to robustly verify that the sealed decorator prevents prototype modifications
- Added test-lit.ts to ensure LitElement component renders correctly and increments counter on click

# 2025-06-19 - 2.4.0 - feat(bundler)

Introduce rspack bundler support and update multi-bundler workflow

- Added full support for rspack with its own implementation in ts/mod\_rspack
- Updated package.json: new dependency on @rspack/core and revised description
- Refactored bundler types and switch statement to remove deprecated rollup and parcel options
- Modified test suite to include tests for esbuild, rolldown, and rspack with bundle size comparisons
- Adjusted output configuration for esbuild and rolldown for dynamic naming and inline dynamic imports

# 2025-06-19 - 2.3.0 - feat(bundler)

Integrate rolldown bundler support and update bundler selection logic

- Added rolldown dependency to package.json
- Extended ICliOptions to include 'rolldown' as a valid bundler option
- Created ts/mod\_rolldown module with buildTest and buildProduction implementations
- Updated getBundlerPath in tsbundle.class.tsbundle.ts to route to new rolldown module
- Revised readme and hints documentation for rolldown usage

# 2025-01-29 - 2.2.5 - fix(mod\_assets)

Fix async handling in asset processing

- Ensured that the empty directory operation is awaited in the asset processing workflow.

## 2025-01-29 - 2.2.4 - fix(mod\_assets)

Fix logging message in ensureAssetsDir to correctly state when directory is created

- Corrected logging output in ensureAssetsDir method to indicate directory creation.

## 2025-01-29 - 2.2.3 - fix(mod\_assets)

Fix issue with asset directory copy

- Updated dependency '@push.rocks/smartfile' to version '^11.2.0'
- Ensure target directory is properly replaced when copying assets

## 2025-01-29 - 2.2.2 - fix(dependencies)

Update smartfile dependency and fix spacing issue in assets module

- Updated @push.rocks/smartfile from ^11.1.6 to ^11.1.8
- Fixed a spacing issue in the processAssets function within the assets module

## 2025-01-29 - 2.2.1 - fix(index)

Export mod\_assets for programmatic use

- Added export for mod\_assets/index in ts/index.ts to make it usable programmatically.

# 2025-01-29 - 2.2.0 - feat(AssetsHandler)

Add asset handling to the CLI workflow

- Introduced AssetsHandler class for managing asset directories and files.
- Updated tsbundle.cli.ts to include asset processing in the 'website' command.

# 2025-01-28 - 2.1.1 - fix(core)

Update dependencies and remove GitLab CI configuration.

- Updated several devDependencies to newer versions for improved stability and performance.
- Updated core dependencies including esbuild and TypeScript.
- Removed the .gitlab-ci.yml file, which could suggest a change in continuous integration setup.

# 2024-10-27 - 2.1.0 - feat(mod\_esbuild)

Add alias support to esbuild bundling process

- Updated dependencies in package.json to latest versions.
- Improved build process by adding alias resolution based on tsconfig.json settings in esbuild.

# 2022-05-04 - 2.0.0-2.0.1 - Breaking and Fix Changes

Released version 2.0.0 with breaking changes and subsequent fixes.

- BREAKING CHANGE(core): Removed parcel and rollup
- fix(core): Addressed initial issues in new major version

## 2023-10-03 - 2.0.10 - Fix Updates

Ongoing updates and improvements.

- fix(core): General updates and enhancements

## 2024-01-10 - 2.0.11-2.0.15 - Minor Fixes

Cumulative fixes and updates from recent releases.

- fix(core): Continuous improvement cycle across versions

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