

# changelog.md for @push.rocks/smartenv

## 2025-11-01 - 6.0.0 - BREAKING CHANGE(Smartenv)

Add Deno and Bun runtime detection, introduce getSafeModuleFor API, update docs and tests, and make isNode semantics Node-only (breaking change)

- Implement runtime detection for Deno and Bun; runtimeEnv now returns one of 'node' | 'deno' | 'bun' | 'browser'.
- Change isNode to be true only for Node.js; add isDeno and isBun accessors. This is a breaking change in behavior for code that relied on isNode including Deno/Bun.
- Add getSafeModuleFor(target, moduleNameOrUrl, getFunction?) API to load modules conditionally for single, multiple or 'server' runtimes. Existing helpers getSafeNodeModule and getSafeWebModule updated to work with wider runtimes.
- Add runtime-specific version getters (nodeVersion, denoVersion, bunVersion) and update printEnv output accordingly.
- Expand and add tests for Node, Deno, Bun and Browser environments (tests/\* files).
- Update documentation (readme.md and readme.hints.md) to describe detection order, new API and migration notes from 4.x to 5.x/6.x.
- Bump devDependencies (tsbuild, tsrun, tstest) and include an updated deno.lock.

## [5.0.13] - 2025-07-28

### Fixed

- Updated readme.md with comprehensive documentation including API reference, core features, and usage examples
  - Added readme.hints.md with architecture and implementation details for future reference
  - Improved documentation structure and clarity
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Revision #2

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