Standards and tooling in the ecosystem

The standards and tools shared across the Exponential ecosystem - PSR and the project's coding standards, naming prefixes, commit message prefixes, the file manifest, Git hooks, CI checks, accessibility, security and...

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Packages that follow the same standards work together more easily and are easier to review.

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Code standards

- "Follow the PSR standards and our coding style" (`CONTRIBUTING.md`; Coding standards).
- Name new code by the prefix rule: `sevenx` or `exp` for 7x code, `exp` for new kernel code; existing identifiers such as `eZContentObject` are never renamed (Naming prefixes).
- PHP and Composer conventions: PHP and Composer.

Repository conventions

Convention	Source
Commit messages start with `Added:`, `Updated:`, `Fixed:`, `Removed:` or `Renamed:`	`CONTRIBUTING.md`
Every changed file updates its line in `share/filelist.md5` (`make manifest-fix`)	`CONTRIBUTING.md`
`make hooks` installs pre-commit and commit-msg hooks	`CONTRIBUTING.md`
Squash and rebase pull requests; never rewrite `main`	`CONTRIBUTING.md`
Published tags never change	`SECURITY.md`

Source control and releases: Source control and releases.

Checks

The CI runs the test suite on PHP 8.1 to 8.5, checks that PHP 8.0 boots, and runs static analysis and style checks (Quality checks, CI, Testing and CI).

Other standards

Area	Page
Accessibility	Accessibility
Security	Security
Privacy	Privacy
Internationalization	Internationalization
APIs and protocols	APIs and protocols
Documentation and publishing	Documentation and publishing
The administration's styling	Styling the administration

Related pages

- The PHP stack
- Standards
- Contributing code
- Commit messages
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