

Commit message structure

```
<type>[scope]: <description>
[body]
[footer]
```

A commit that has the text `BREAKING CHANGE:` at the beginning of its optional body or footer section introduces a breaking API change.

Types

feat	A new feature
fix	A bug fix
docs	Documentation only changes
style	Changes that do not affect the meaning of the code (white-space, formatting, missing semi-colons, etc)
refactor	A code change that neither fixes a bug nor adds a feature
perf	A code change that improves performance
test	Adding missing tests or correcting existing tests
build	Changes that affect the build system or external dependencies (e.g. Gradle, Maven)
ci	Changes to our CI configuration files and scripts (e.g. GitLab, Jenkins)
chore	Other changes that don't modify src or test files
revert	Reverts a previous commit

Specification

- Commits **MUST** be prefixed with a type, which consists of a verb, `feat`, `fix`, etc., followed by a colon and a space.
- The type `feat` **MUST** be used when a commit adds a new feature to your application or library.
- The type `fix` **MUST** be used when a commit represents a bug fix for your application.
- An optional scope **MAY** be provided after a type. A scope is a phrase describing a section of the codebase enclosed in parenthesis (e.g. `fix(parser):`).
- A description **MUST** immediately follow the type/scope prefix. The description is a short description of the pull request (e.g., `fix: array parsing issue when multiple spaces were contained in string`).
- A longer commit body **MAY** be provided after the short description. The body **MUST** begin one blank line after the description.
- A footer **MAY** be provided one blank line after the body. The footer **SHOULD** contain additional meta-information about the pull-request (such as the issues it fixes, e.g., `fixes #13, #5`).
- Breaking changes **MUST** be indicated at the very beginning of the footer or body section of a commit. A breaking change **MUST** consist of the uppercase text `BREAKING CHANGE:`, followed by a colon and a space.
- A description **MUST** be provided after the `BREAKING CHANGE:`, describing what has changed about the API (e.g. `BREAKING CHANGE: environment variables now take precedence over config files`).
- Types other than `feat` and `fix` **MAY** be used in your commit messages.



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