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Pros/Cons of Iterator Design Patterns

Pros:

* You can iterate over the same collection in parallel because each iteration object has its own iteration progress.
* You can also delay an iteration and continue when needed, as the iteration progress is stored within the iteration object.
* Allows you to easily create iterators for different types of collections, and traverse each collection with the same method calls.

Cons:

* Iterators can be unnecessary when only working with simple collections and can act as clutter.
* Can be less efficient than going through the elements of a specialized collection directly.