

What do the Java Collection Framework iterators provide for you?

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The *Iterator* pattern provides controlled access to a collection without exposing internals.

§Given

- *An aggregate collection of objects*

§Desired

- *Access all elements in the collection*
- *Do not expose internal structure*
- *Access is independent of the collection*
- *Multiple accesses can be done independent of each other*
- *Collection can be maintained independent of the access*

§Solution

- *Iterator object controls access*

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