

Iteration with Proxies



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Module Overview



Iteration with Proxies

- How to use Proxies to control iteration
- Proxying Arrays
- Proxying Object
- Using **get**, **ownKeys**, and **has** traps



Proxies and Arrays





Arrays

- Arrays are still just objects
- Array Proxies might require multiple traps
- Array Proxy doesn't wrap items



Demo



Handling Array Iteration with a Proxy





Object Keys

- Iterating through keys can be proxied
- Requires trapping `ownKeys`



Demo



Handling Object Keys via a Proxy





Nested Proxies

- Proxies only handle direct properties
- But you can return proxies too



Demo



Nested Proxies



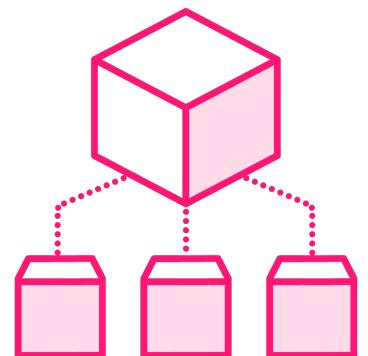
Where are we?



The mechanism of an array proxy is the same as a object proxies



Traps for handling object keys include `ownKeys` and `has`



You can wrap members by returning nested proxies



Up Next:

Proxies in Action

