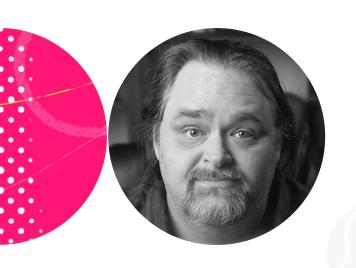
# Simplifying Proxies with Reflect



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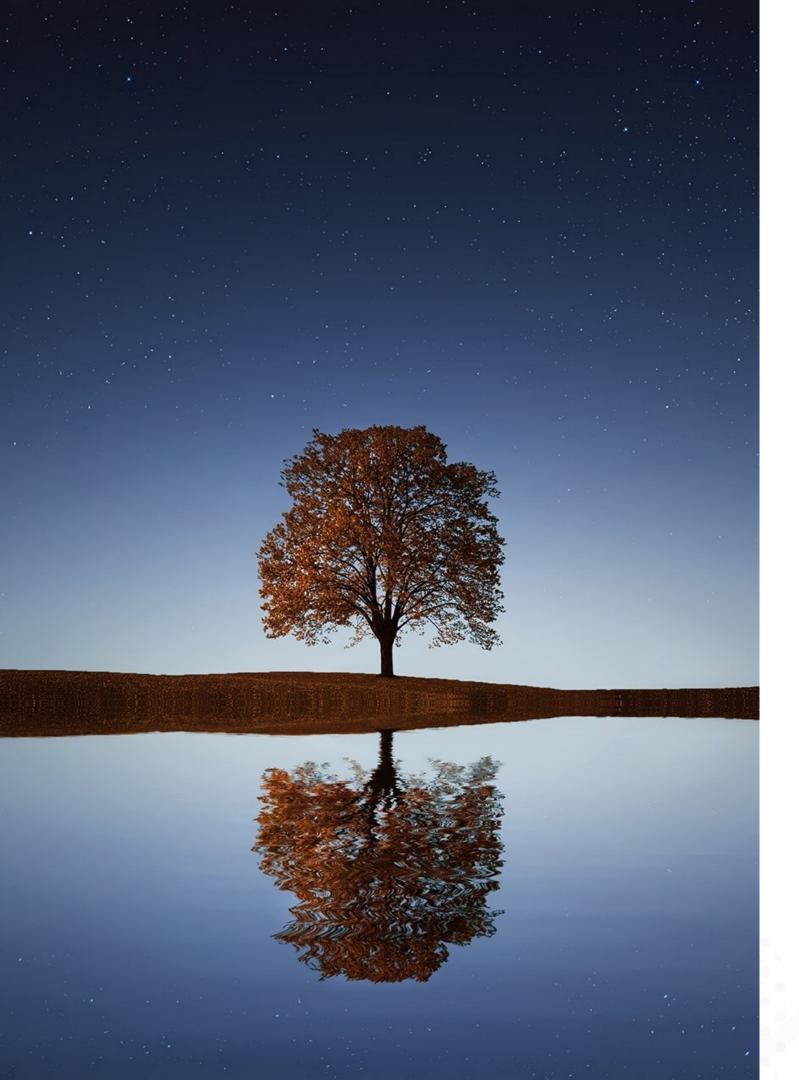


## Overview



#### **Reflect API**

- What is Reflect
- How Reflect can simplify Proxy objects
- How a complete example of Proxy looks



#### **What is Reflect?**

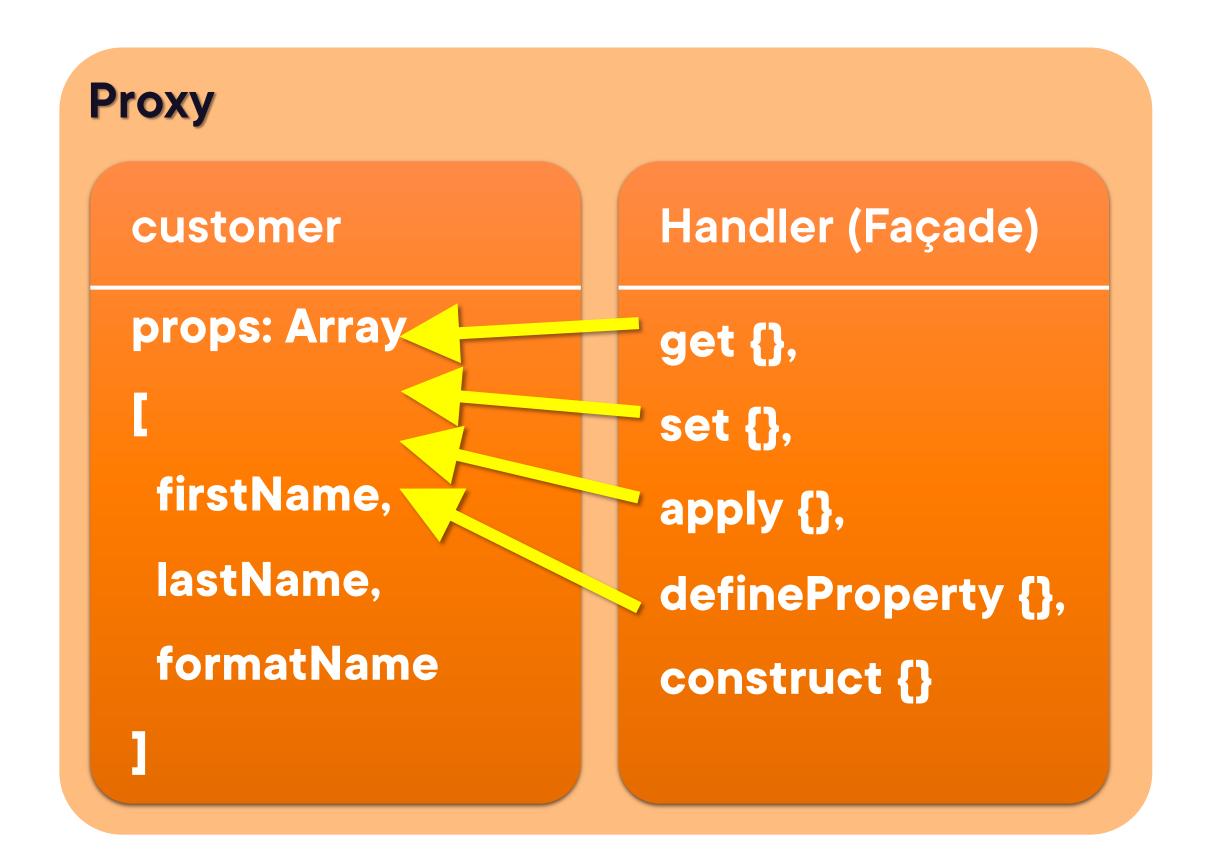
- Static Object
- API for performing proxy operations
- Does not require a proxy
- Mirrors the Handler

# Demo

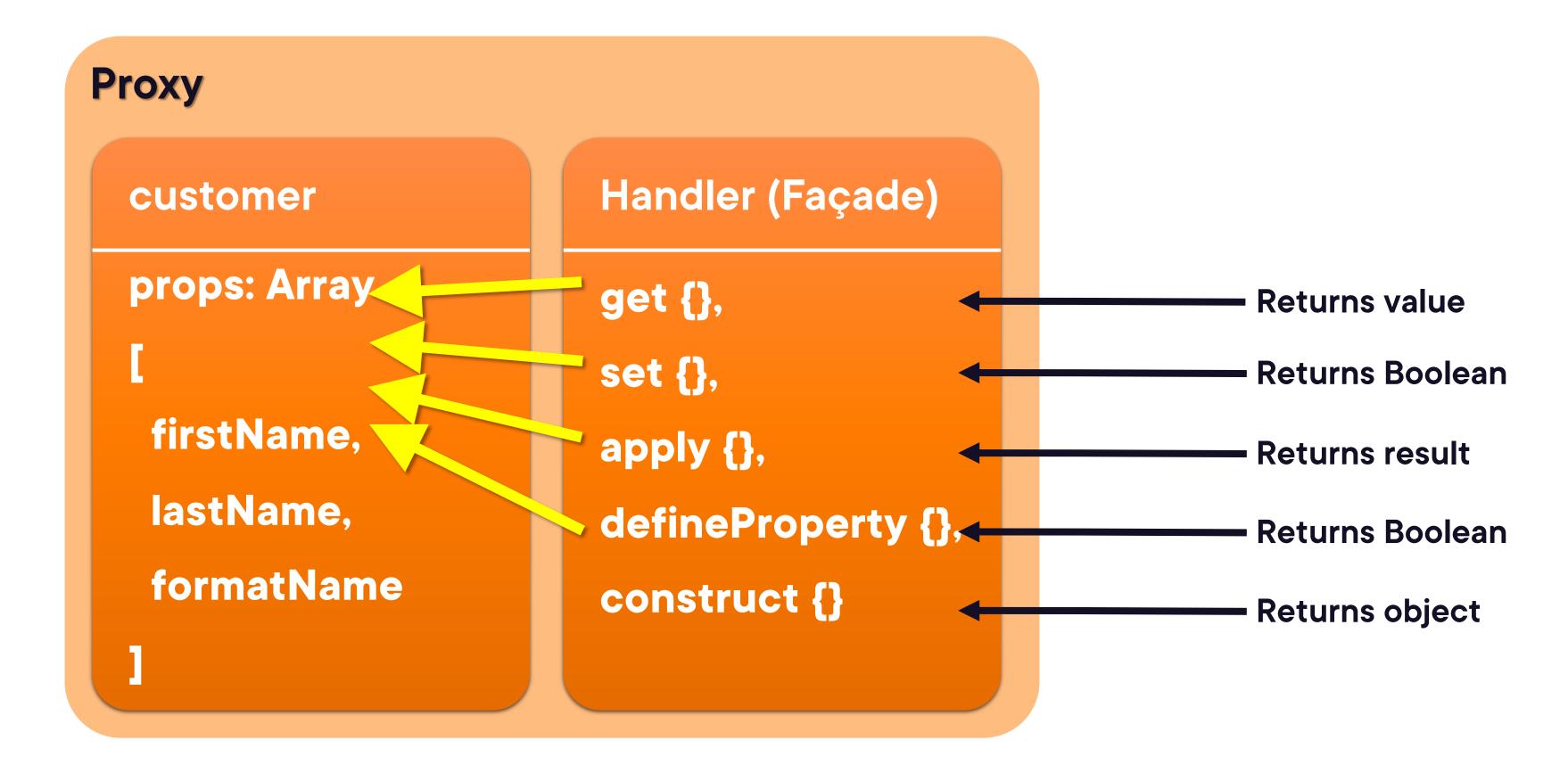


**Using Reflect** 

# Refresher – What is a Proxy



### Rules for Handler



```
const handler = {
  get() {...},
  set() {...},
  apply() {...},
 has() \{\ldots\},
  defineProperty() {...},
  deleteProperty() {...},
  construct() {...},
};
Reflect.get(...);
Reflect.set(...);
Reflect.apply(...);
Reflect.has(...);
Reflect.defineProperty(...);
Reflect.deleteProperty(...);
Reflect.construct(...);
```

**◄** Handler supports many operations

■ Reflect has same operations



# Demo



**Using Reflect in a Proxy** 

## Demo



**Complete Example of Proxy** 

### Where are we?



Reflect object can simplify some Proxy handlers



While Reflect can be used outside a Proxy, it's very rare



The more your Proxy does, the slower it will run