

Monet.js



David Mann

@MannD | [Labs.HeirloomSoftware.com](https://labs.heirloomsoftware.com)



Topics



Overview

Strengths / Weaknesses

Documentation

Getting Started

Common Operations





Powerful abstractions for JavaScript.

For people who wish they didn't have to
program in JavaScript

<https://monet.github.io/monet.js/>



Monet

Strengths

Breadth

Immutable Data Structures

Weaknesses

Documentation

“Split” functionality

(Future?)



Getting Started



yarn add monet (or npm i monet)



```
const M = require('monet');
```



M.

- Either
- Fail
- Free
- Identity
- IO
- Just



Common Operations

Maybe

Either

Validation

Immutable Lists

Non-Empty Lists

Other



Common Operations

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Common Operations

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Not-so-Common Operations

Reader

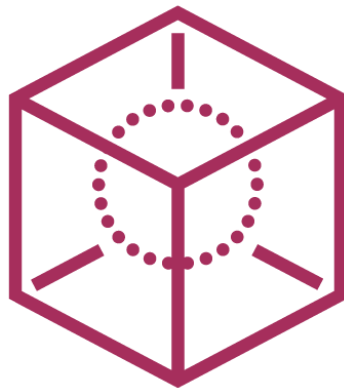
Free

IO



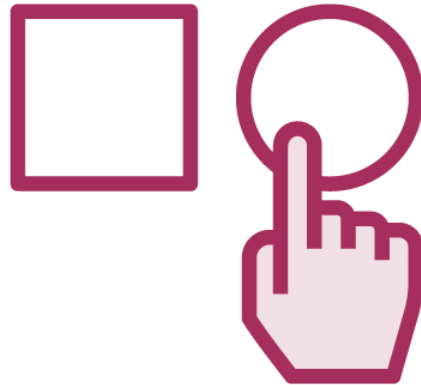
```
const rv = getSomethingOrUndefined();  
return rv  
    ? Maybe.Some(rv)  
    : Maybe.None();
```

Maybe



```
const rv = getSomethingOrUndefined();  
return rv  
    ? Either.Right(rv)  
    : Either.Left('rv is undefined...');
```

Either



```
M.Validation.Success().ap(validationFunc1).ap(validationFunc2);  
  
//where validationFunc1/2 return either a success or failure  
  
//will result in either a Validation.Success or a collection of  
the failures
```

Validation



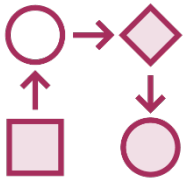
Other Functions



Compose



Curry



AndThen

