Plated.

CHRIS LOCK

PLATTERN

Plated.

OUR APPLICATION

The Current State

September 2015 | **The Current State** | **Where We're Going**

September 2015

Rails + JS Jungle

September 2015

Rails + jQuery + Global Namespace

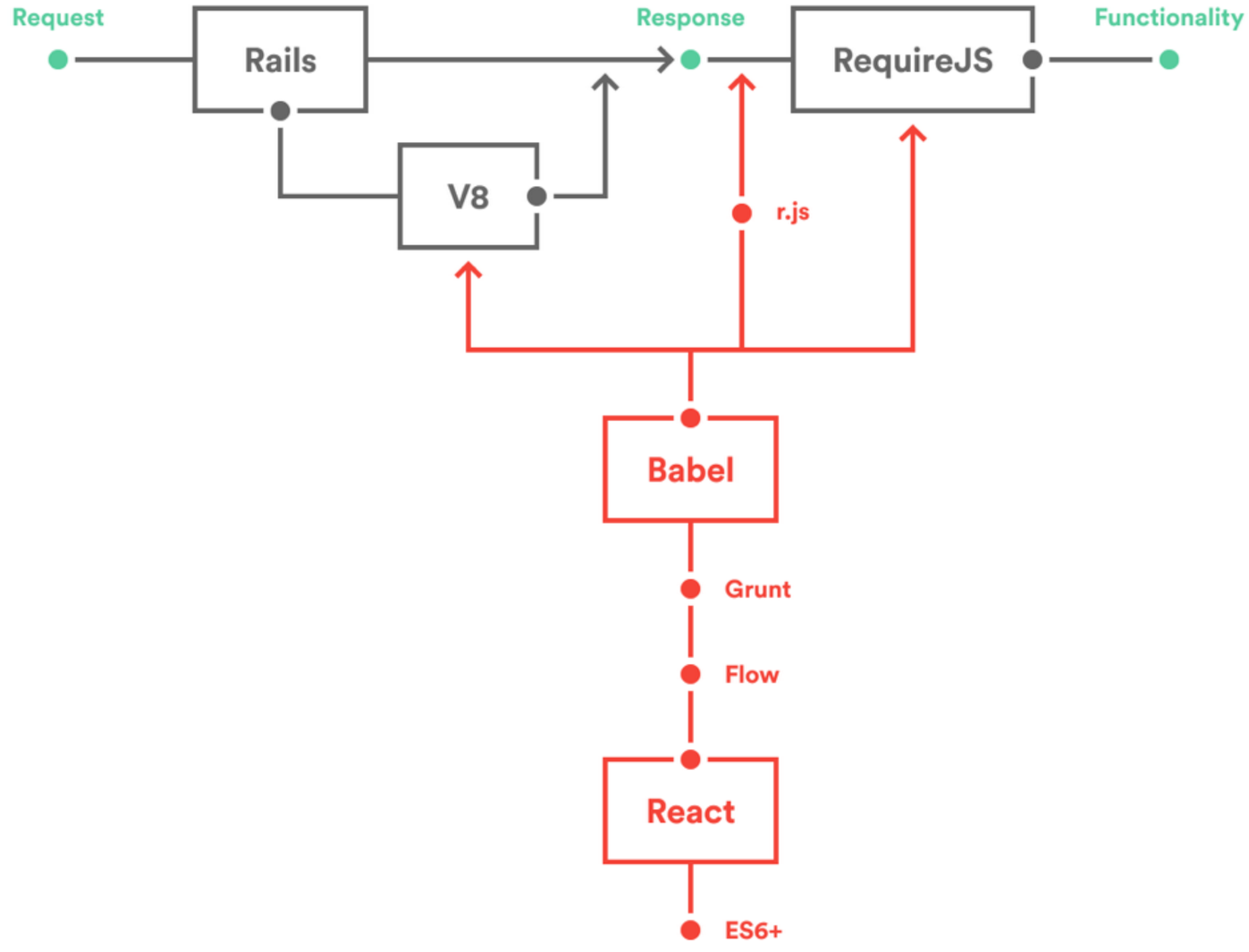
September 2015 | **The Current State** | **Where We're Going**

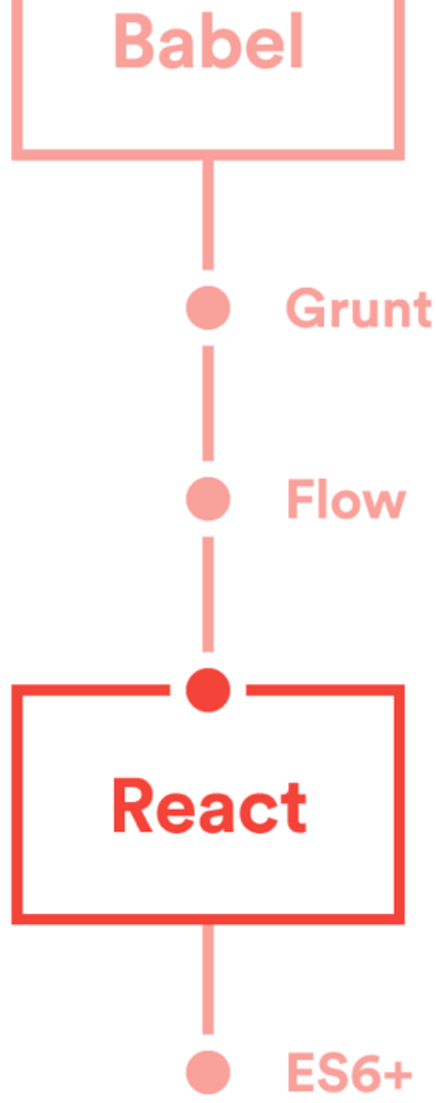
Server-Side Rendering

Minimal JS Footprint

Deferred Loading

ES6+


Request
Rails
Response
RequireJS
Functionality
V8
r.js
Babel
Grunt
Flow
React
ES6+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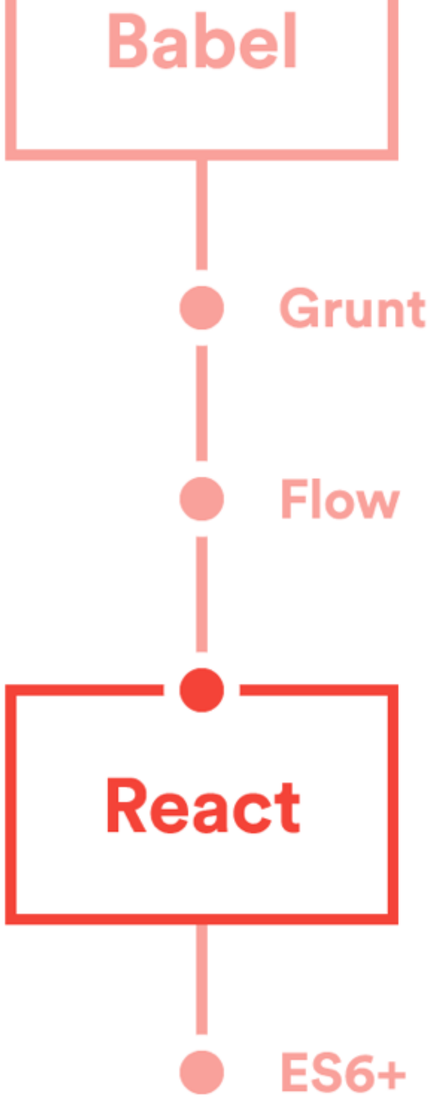
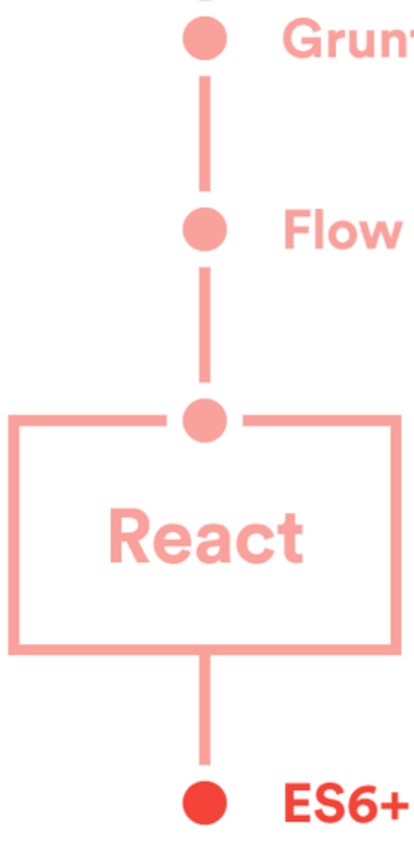
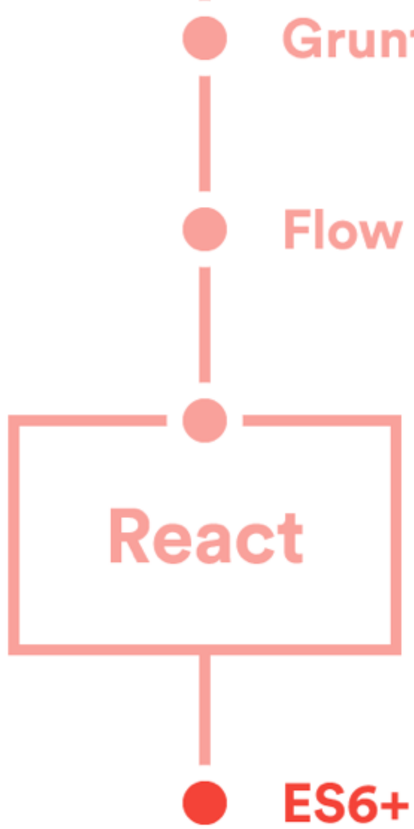


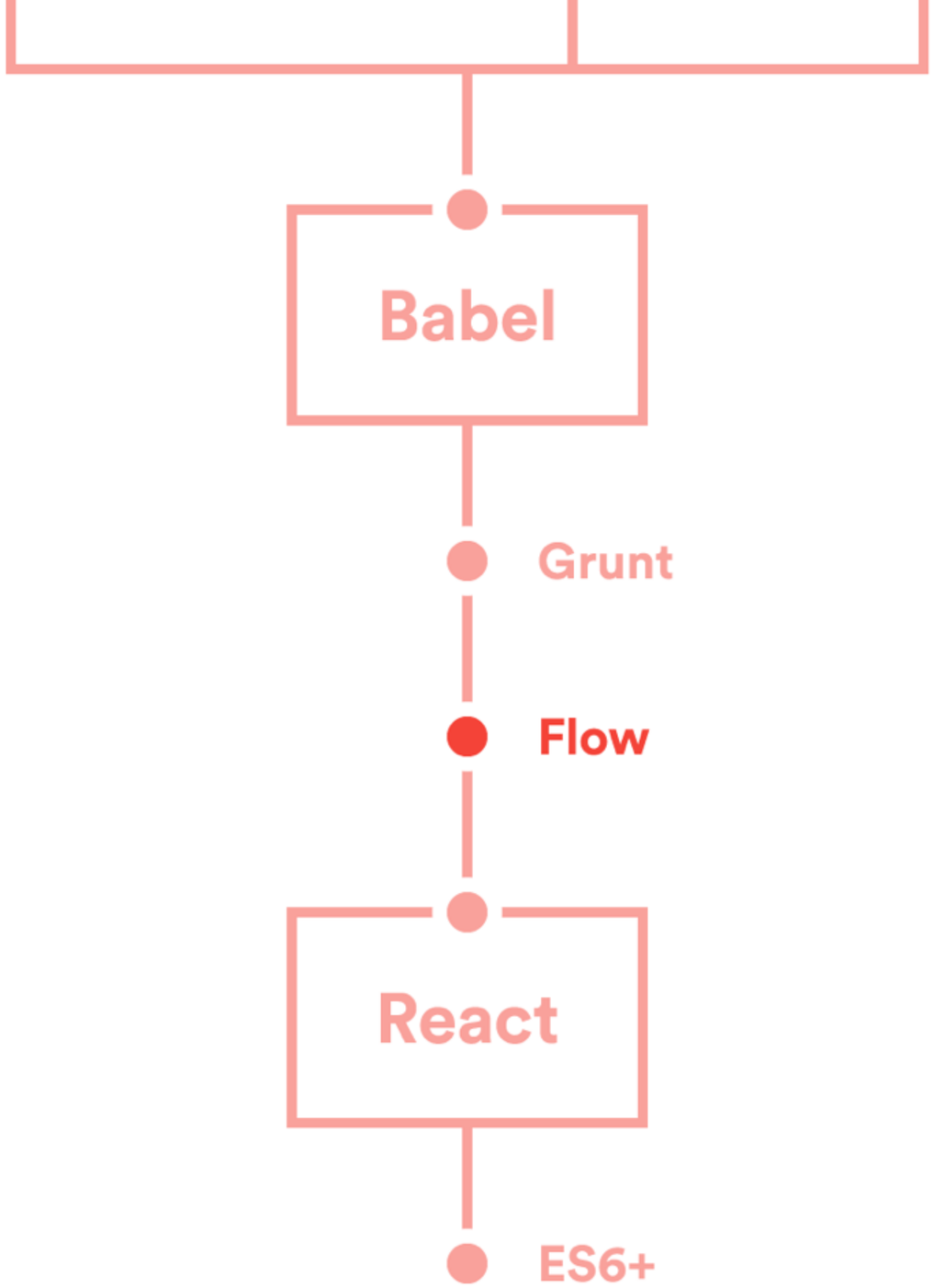
Choosing a technology that our team was excited about



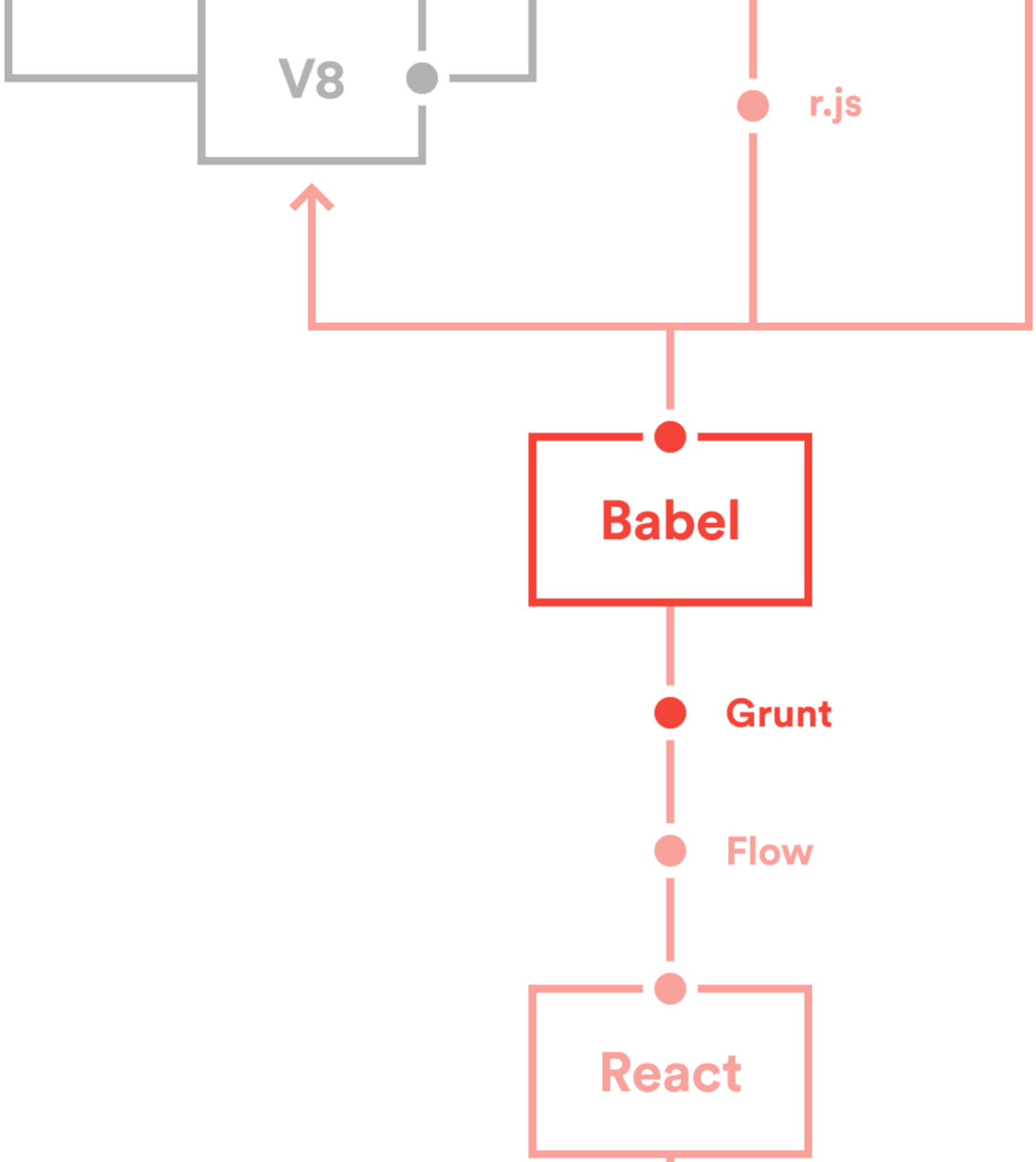

```
function Polygon(x, y) {
  this.x = x;
  this.y = y;
  this.vertices = [];
}

Polygon.prototype = {
  addVertex: function(v){
    this.vertices.push(v);
  }
};
```




```
class Polygon {
  vertices = [];

  constructor(x, y) {
    this.x = x;
    this.y = y;
  }

  addVertex(v) {
    this.vertices.push(v);
  }
}
```

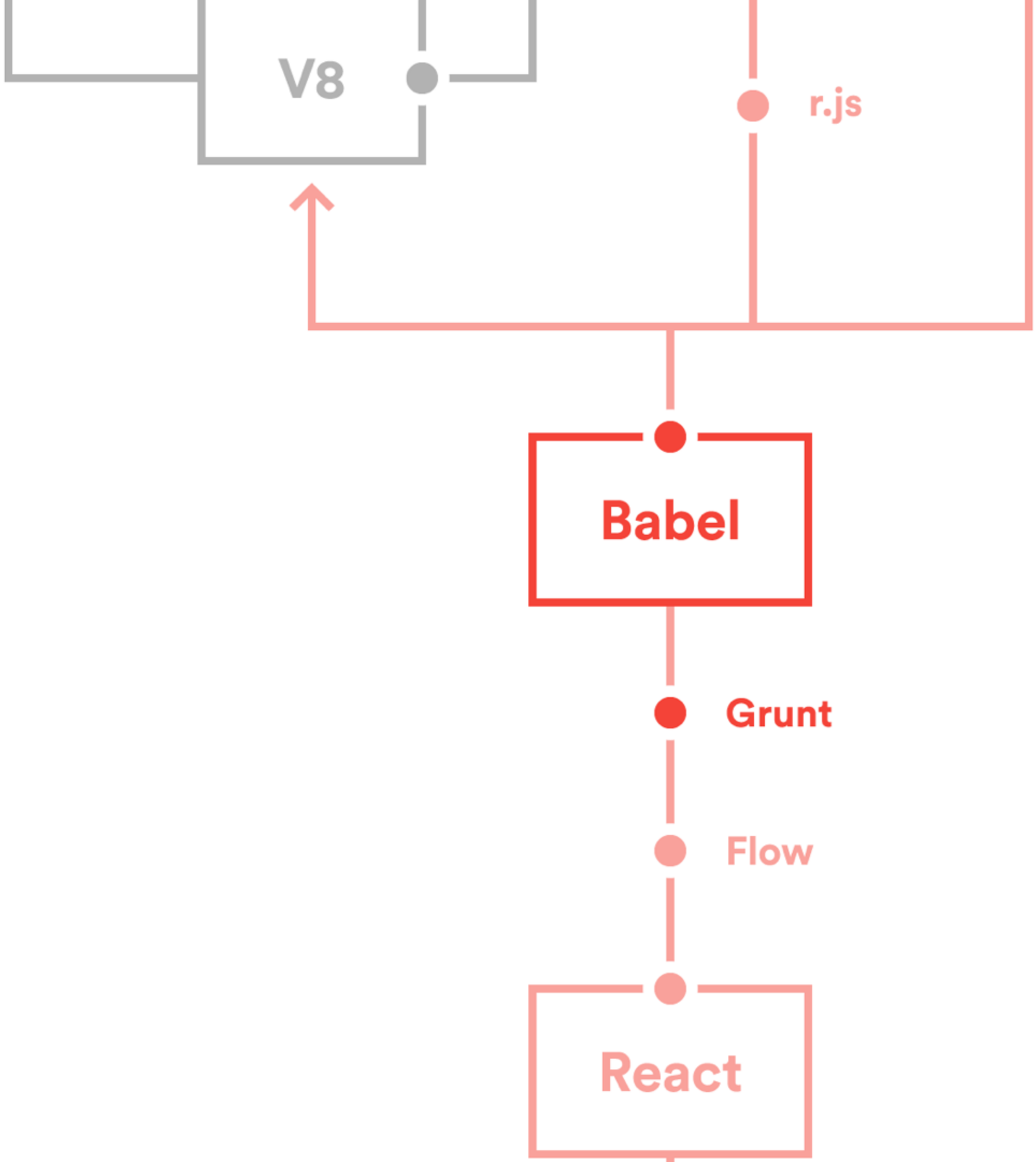



```
class Polygon {
  x: number;
  y: number;
  vertices: Array<Point> = [];

  constructor(x: number, y: number) {
    this.x = x;
    this.y = y;
  }

  addVertex(v: Point): void {
    this.vertices.push(v);
  }
}
```


V8
r.js
Babel
Grunt
Flow
React

INTEGRATION

Features vs Frameworks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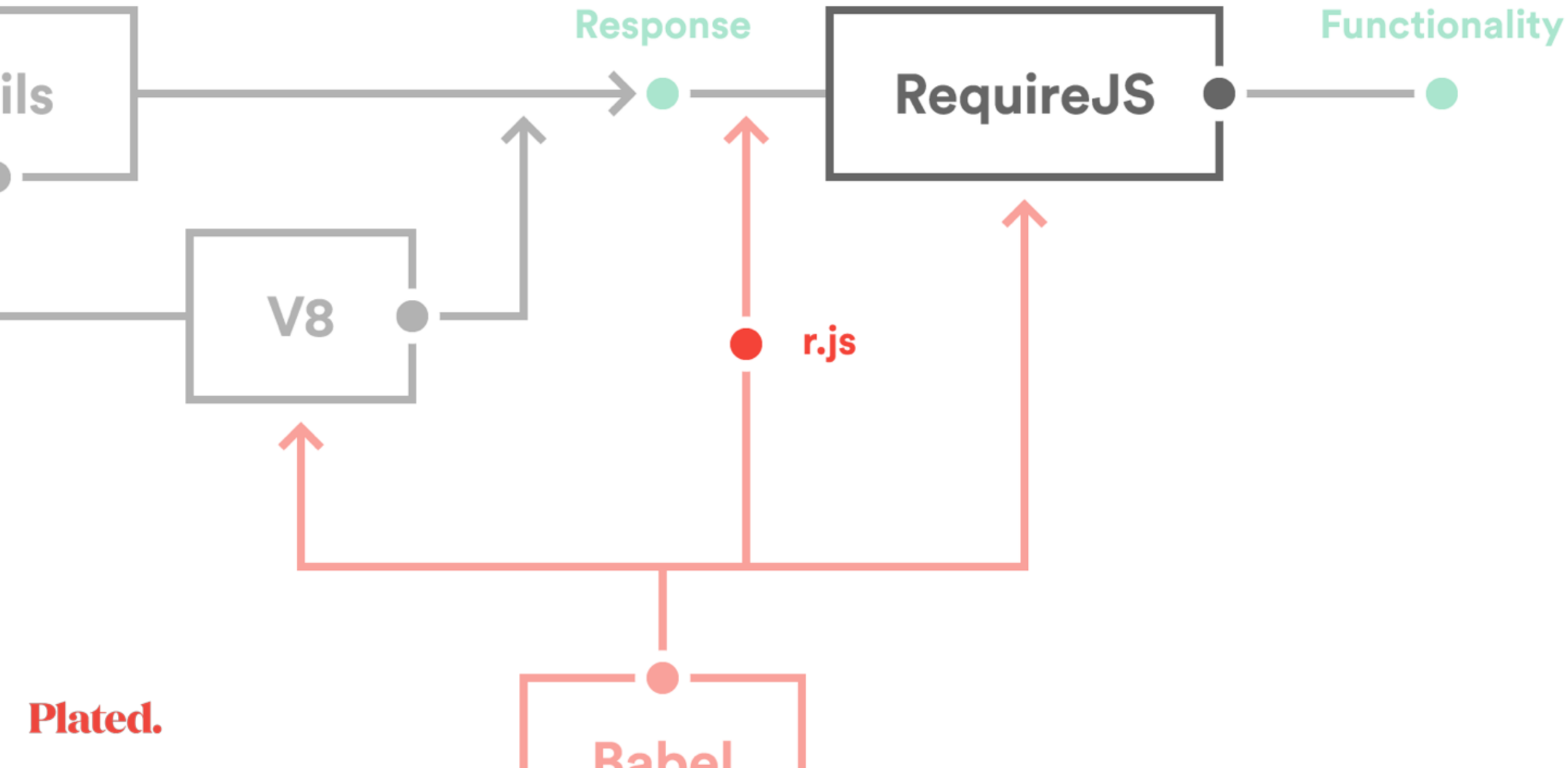
ils
Response
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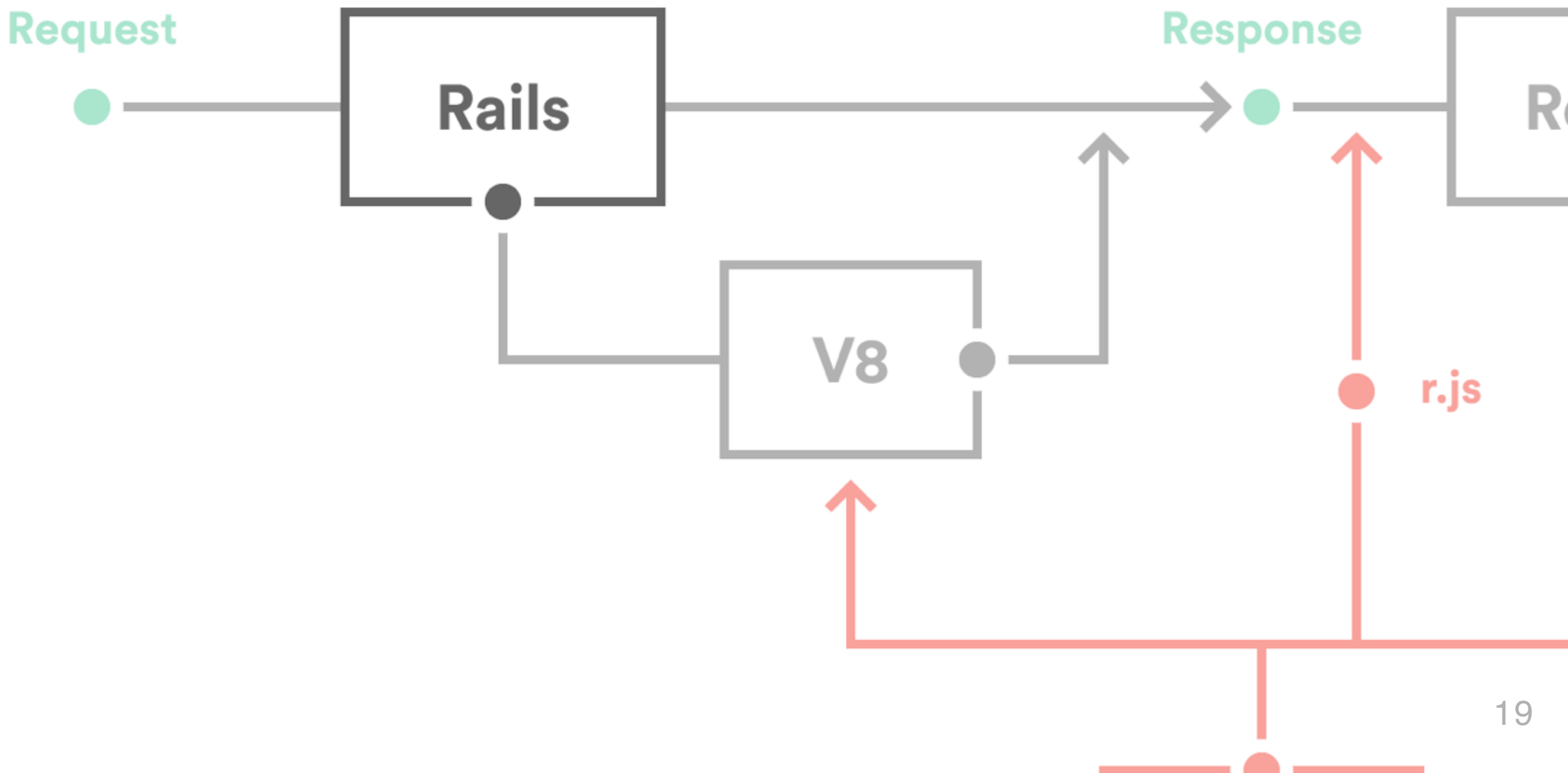
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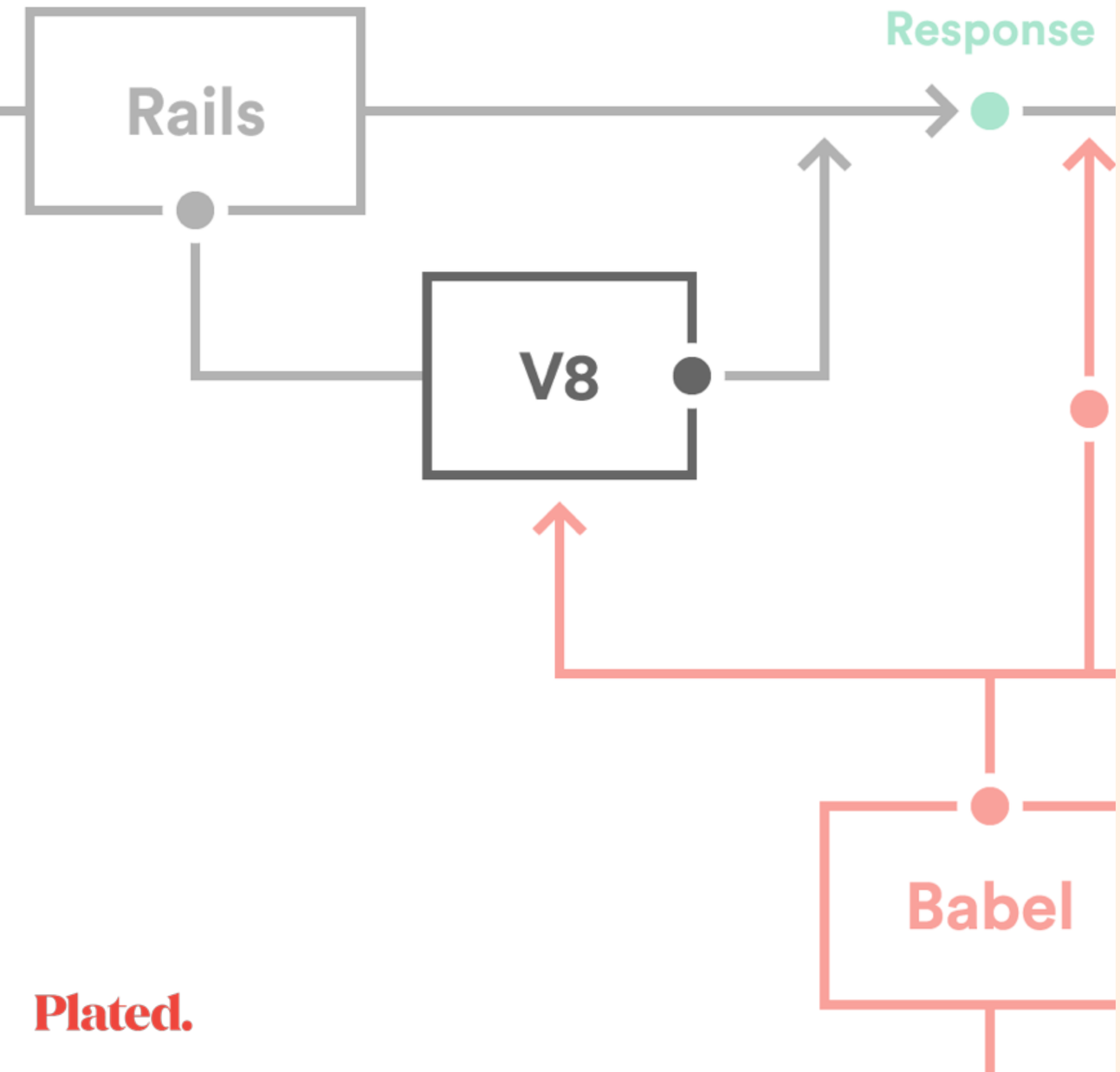
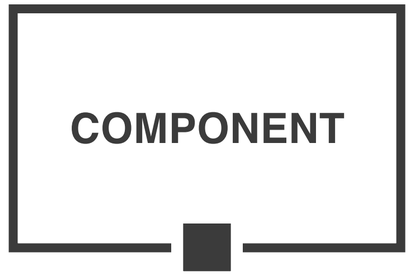



```
ReactDOMServer.renderToString
```

WTF IS

Unidirectional Data Flow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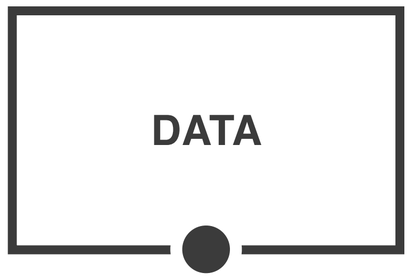
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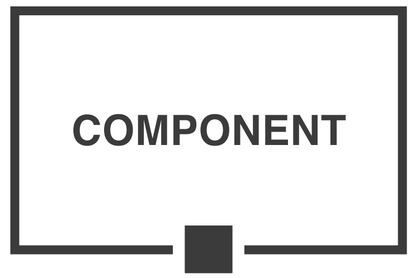
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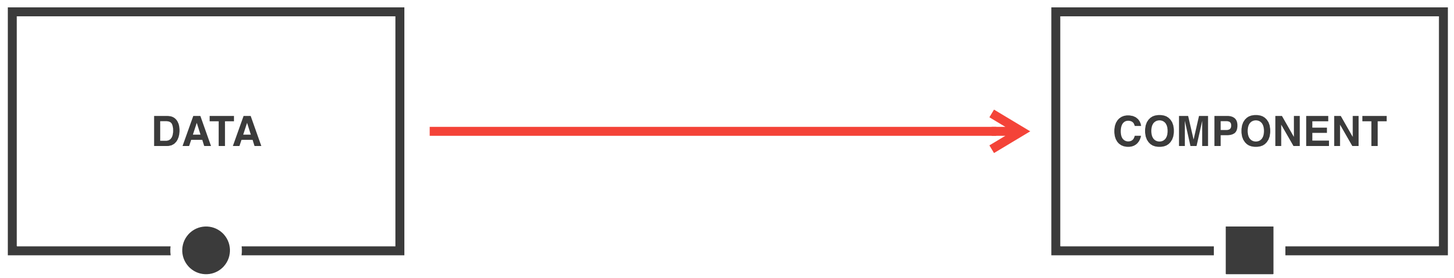
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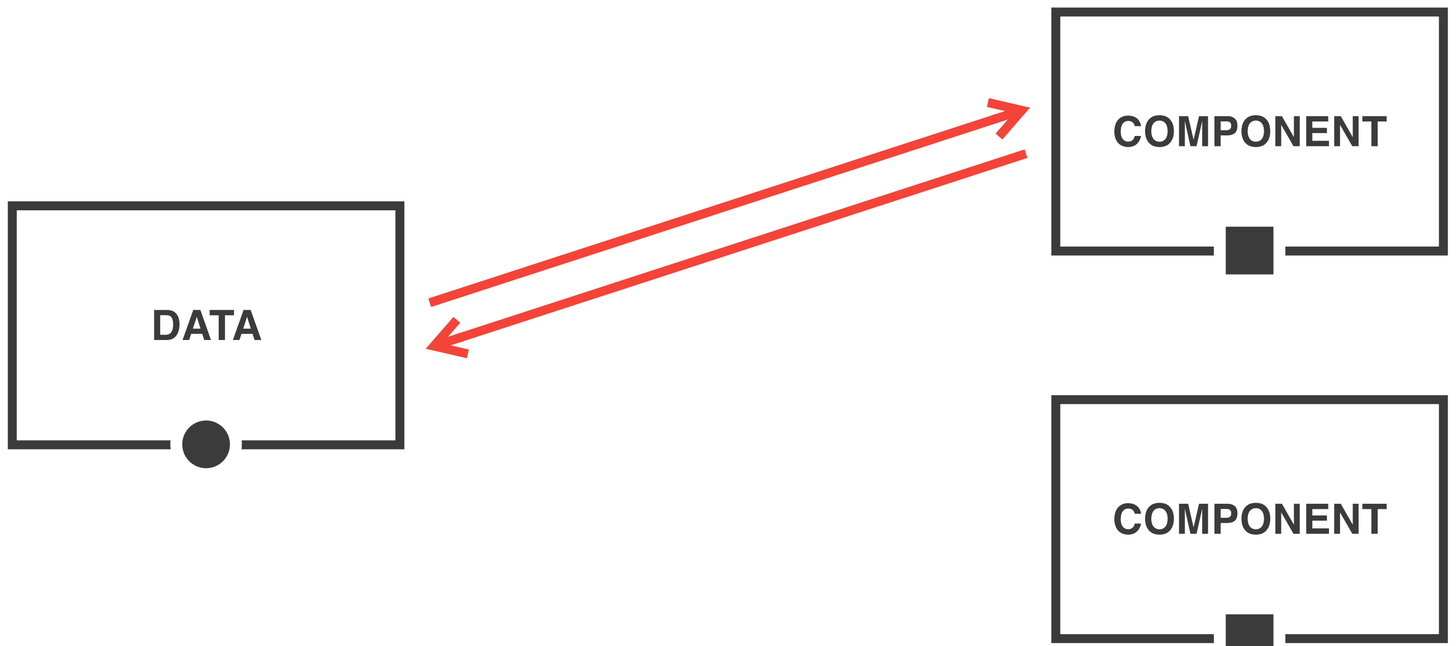
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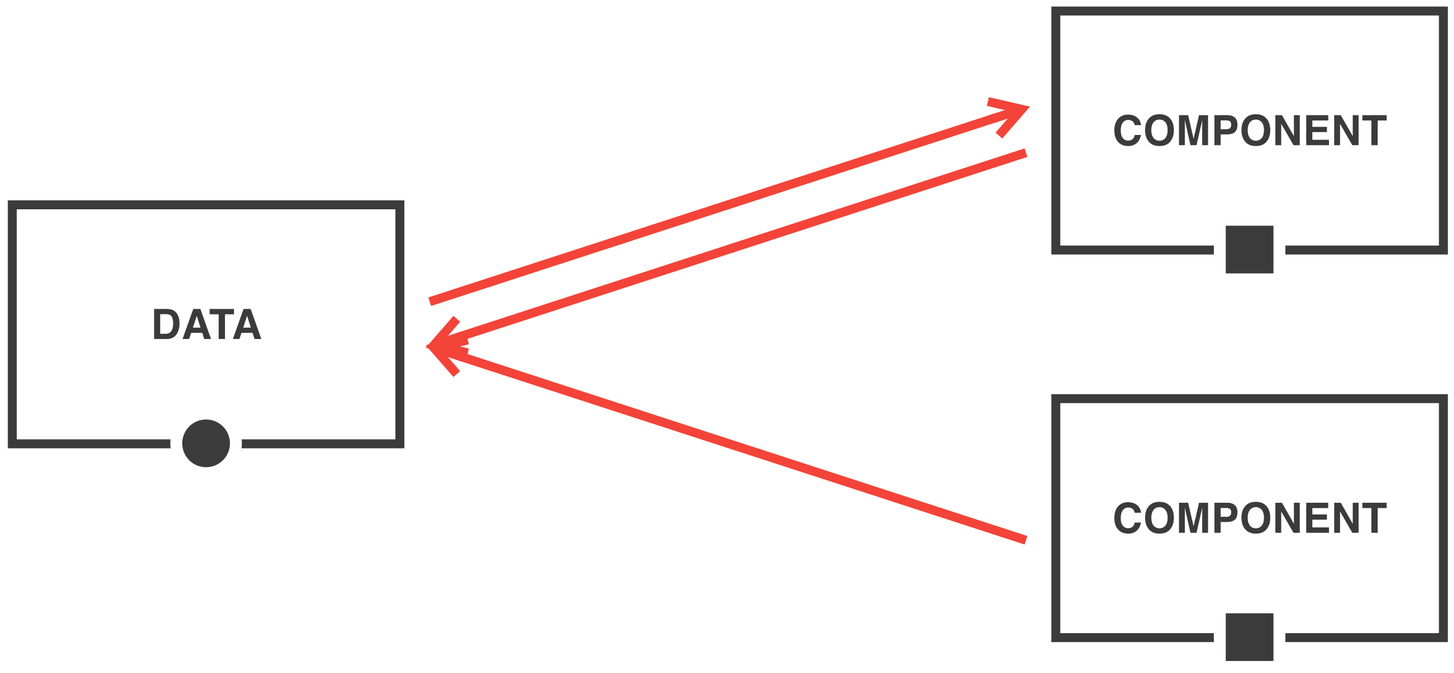
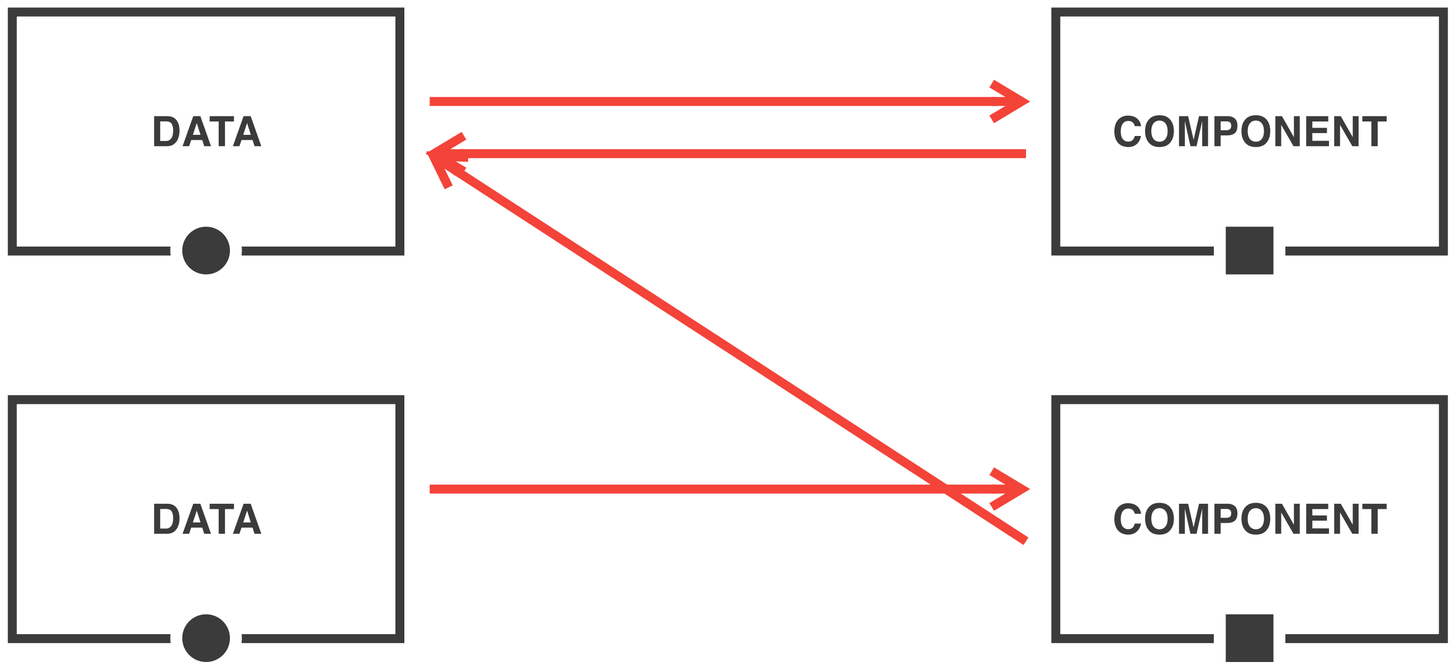

COMPONENT
DATA
COMPONENT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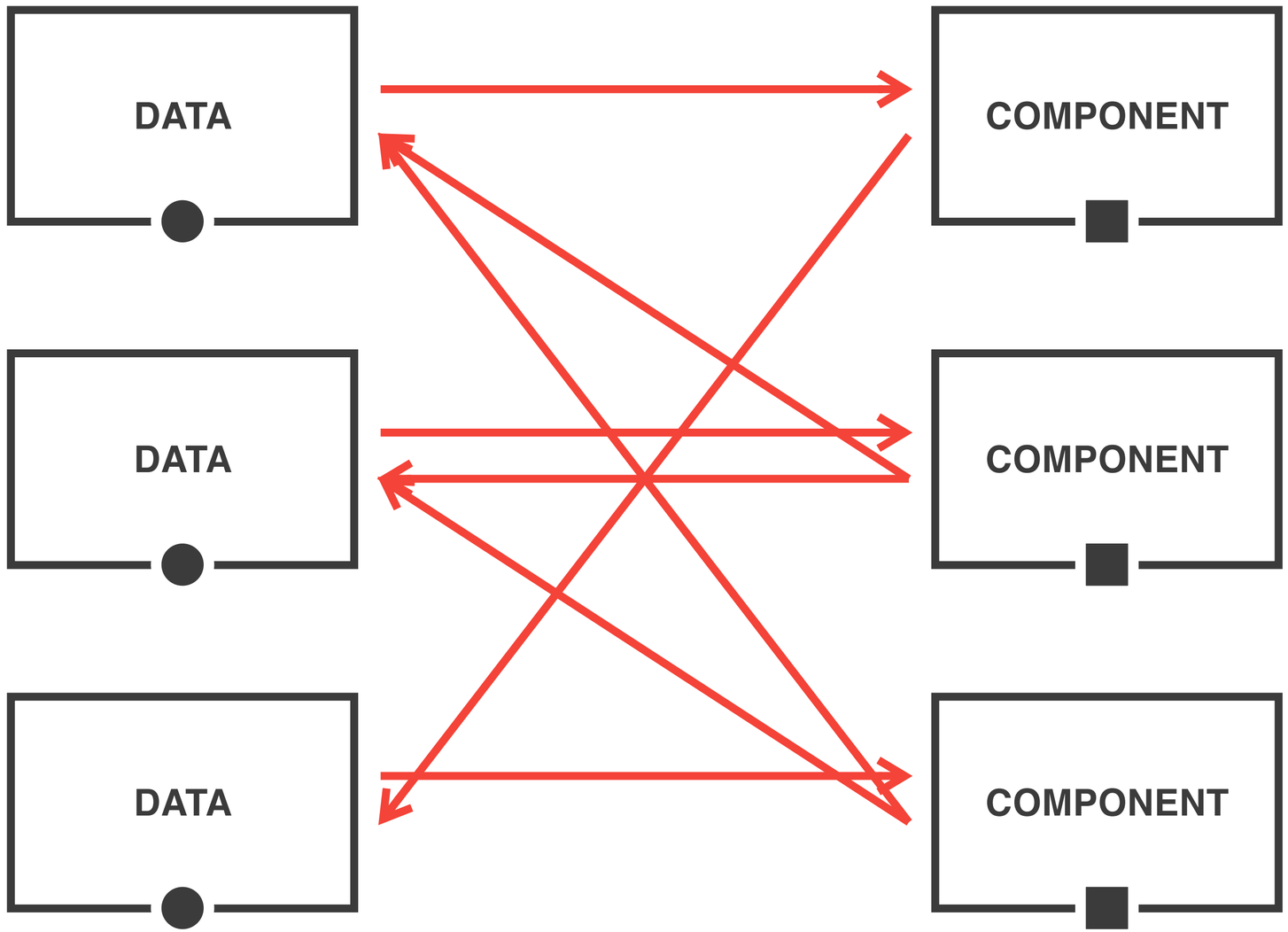
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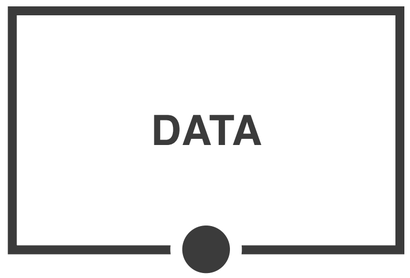
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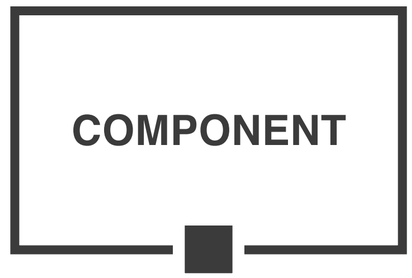
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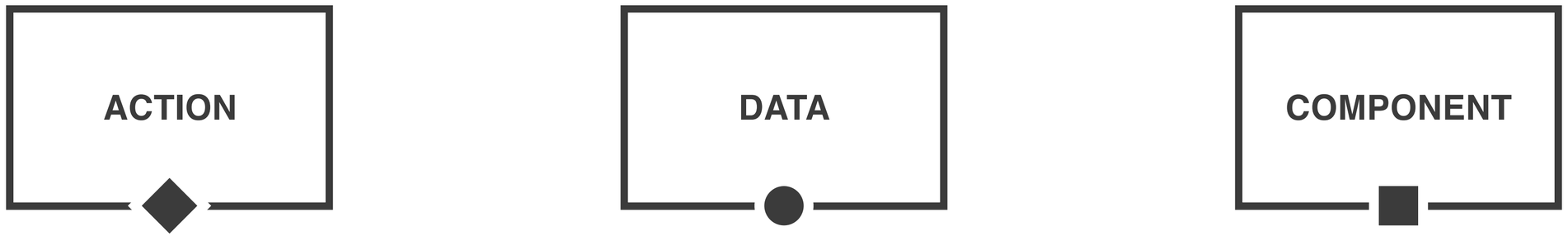
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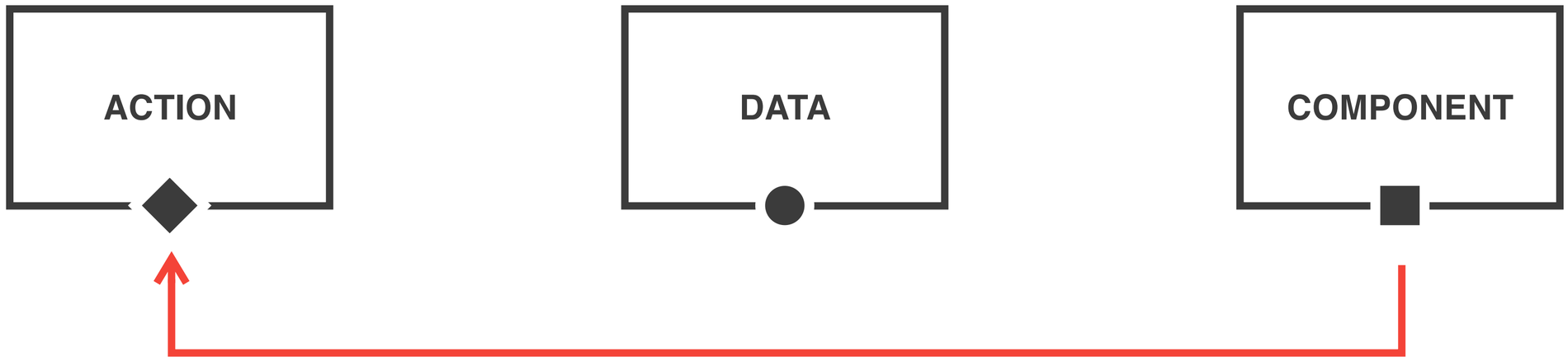
COMPONENT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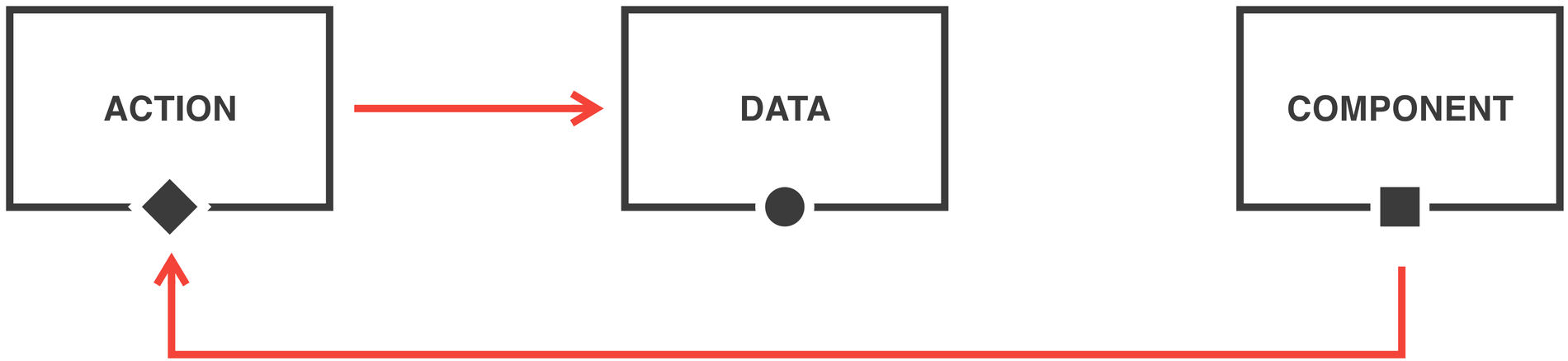
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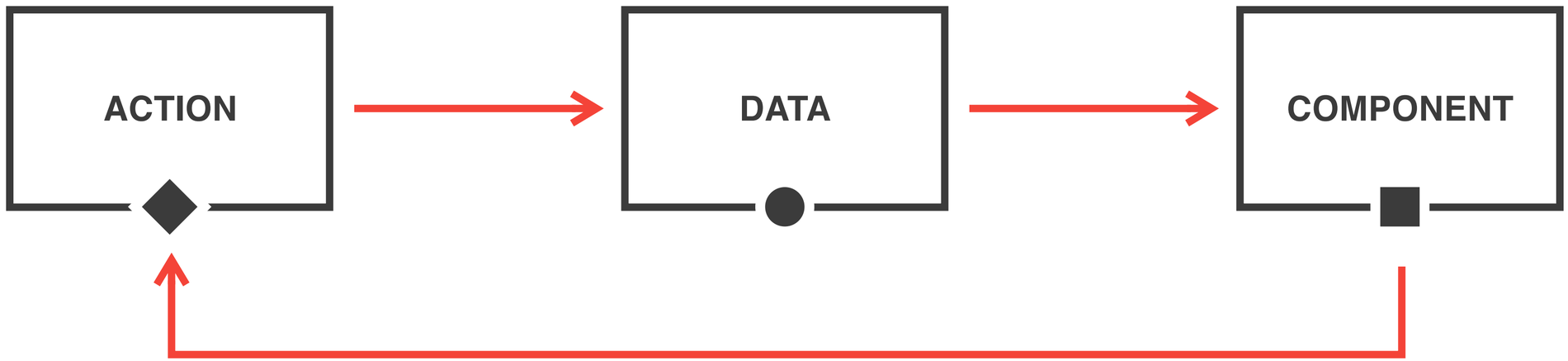
COMPONENT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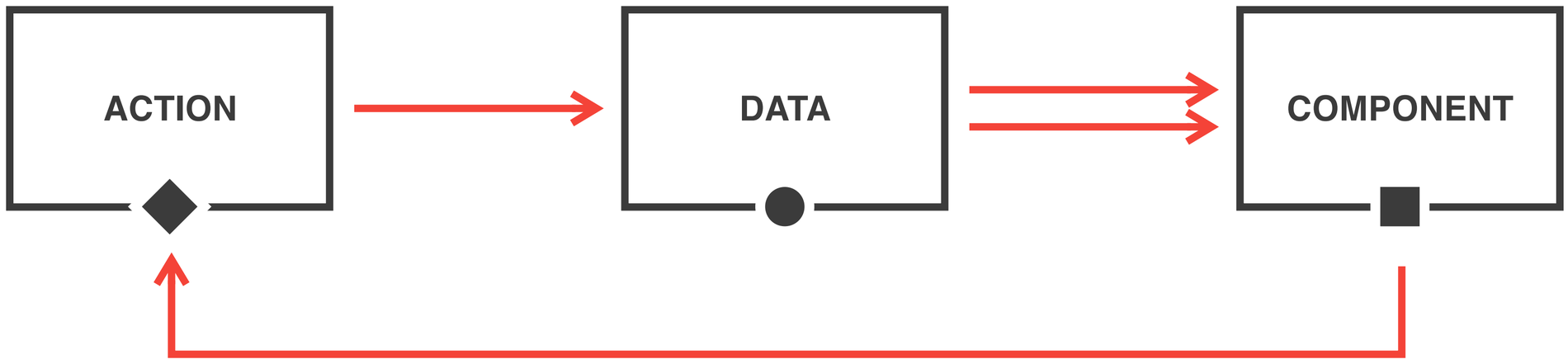
ACTION
DATA
COMPONENT

MOVING TOWARD

Stateful Data

Plated.

PLATED.COM/CAREERS