redux createStore

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Data Flow

view

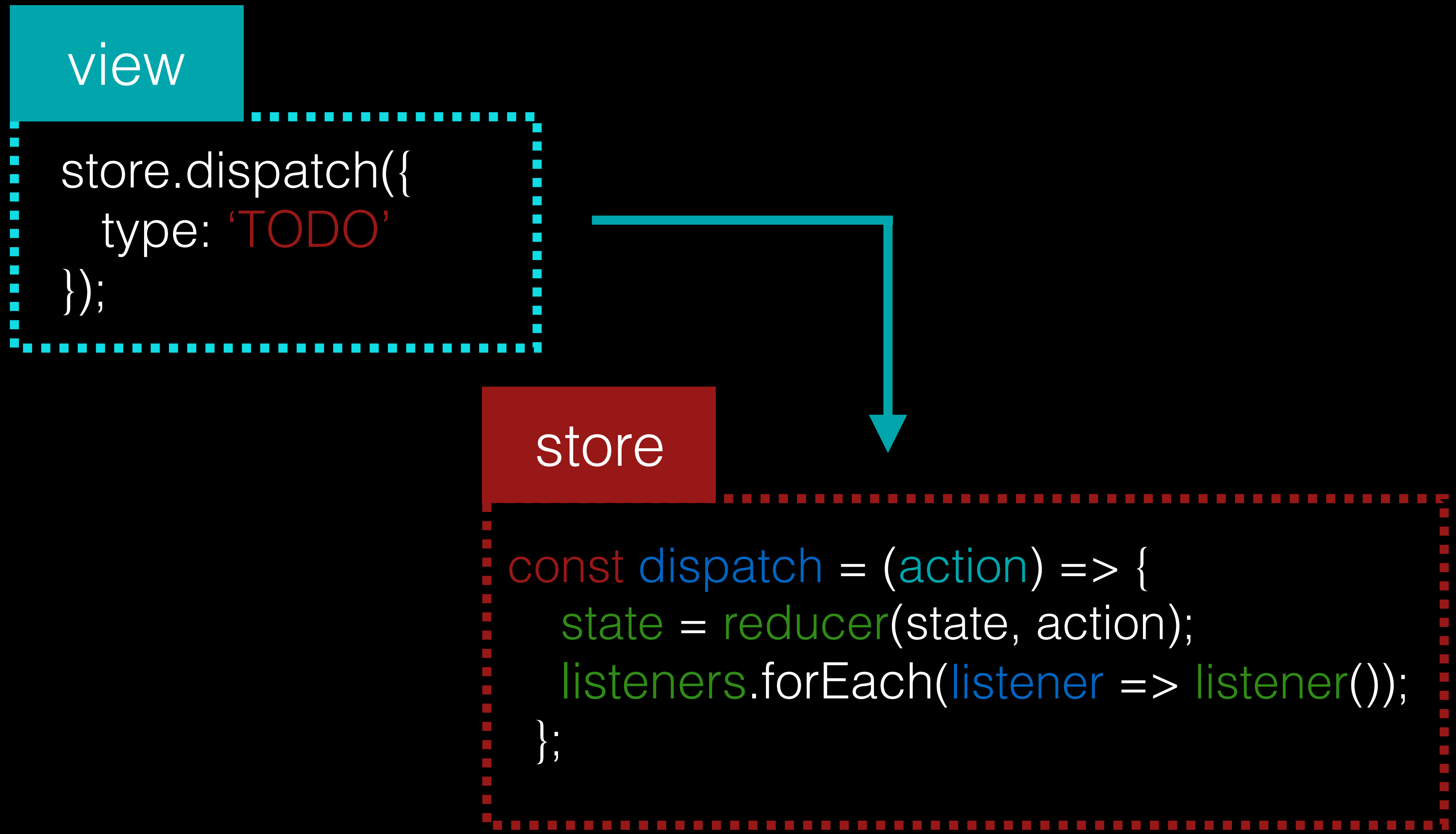
```
store.dispatch({
   type: ‘TODO’
});
```

store

```
const dispatch = (action) => {
    state = reducer(state, action);
    listeners.forEach(listener => listener());
  };
```

reducer

```
const reducer = (state = 0, action) => {
  switch (action.type) {
    case 'TODO':
      return state + 1;
  }
};
```



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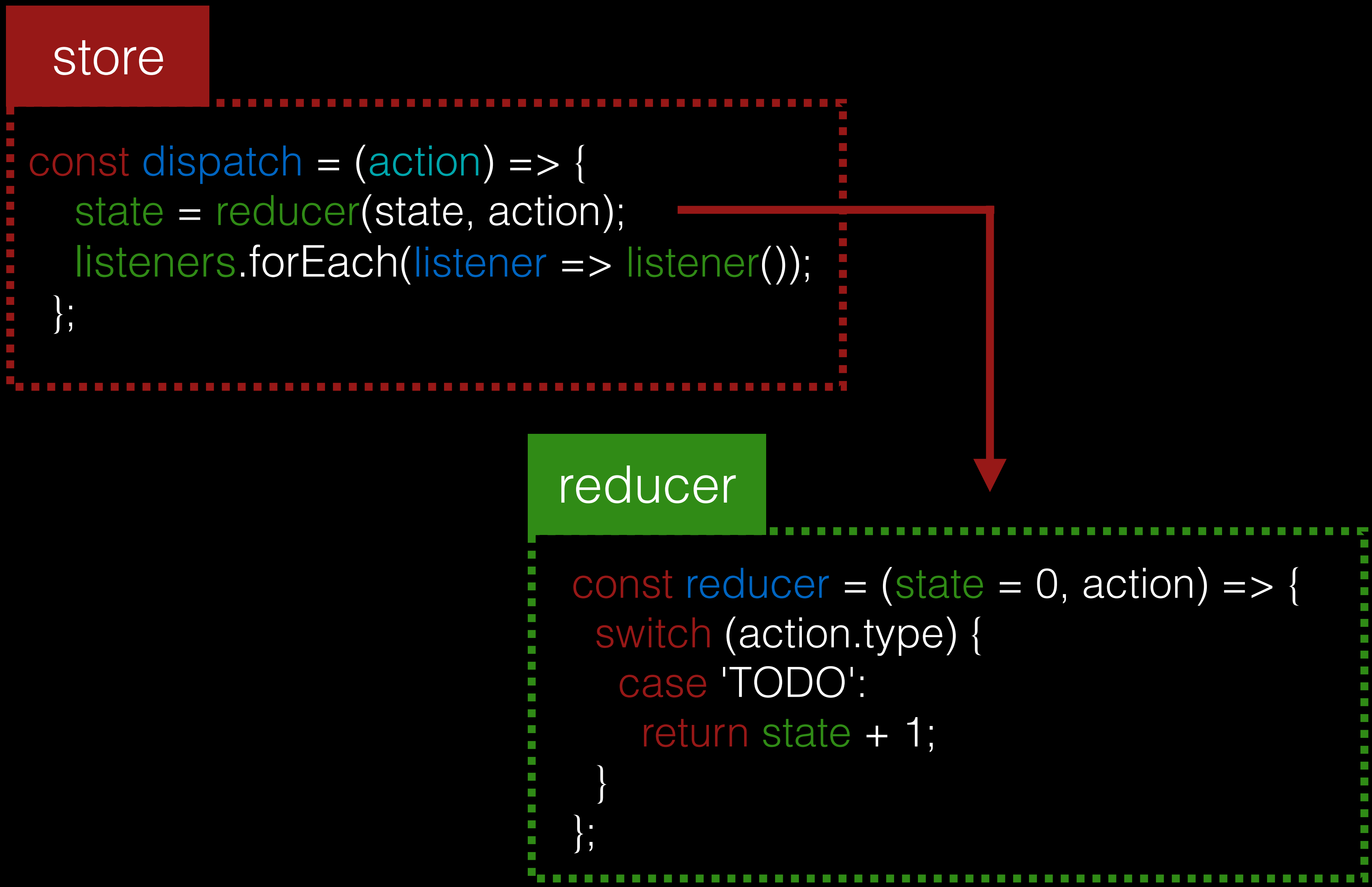

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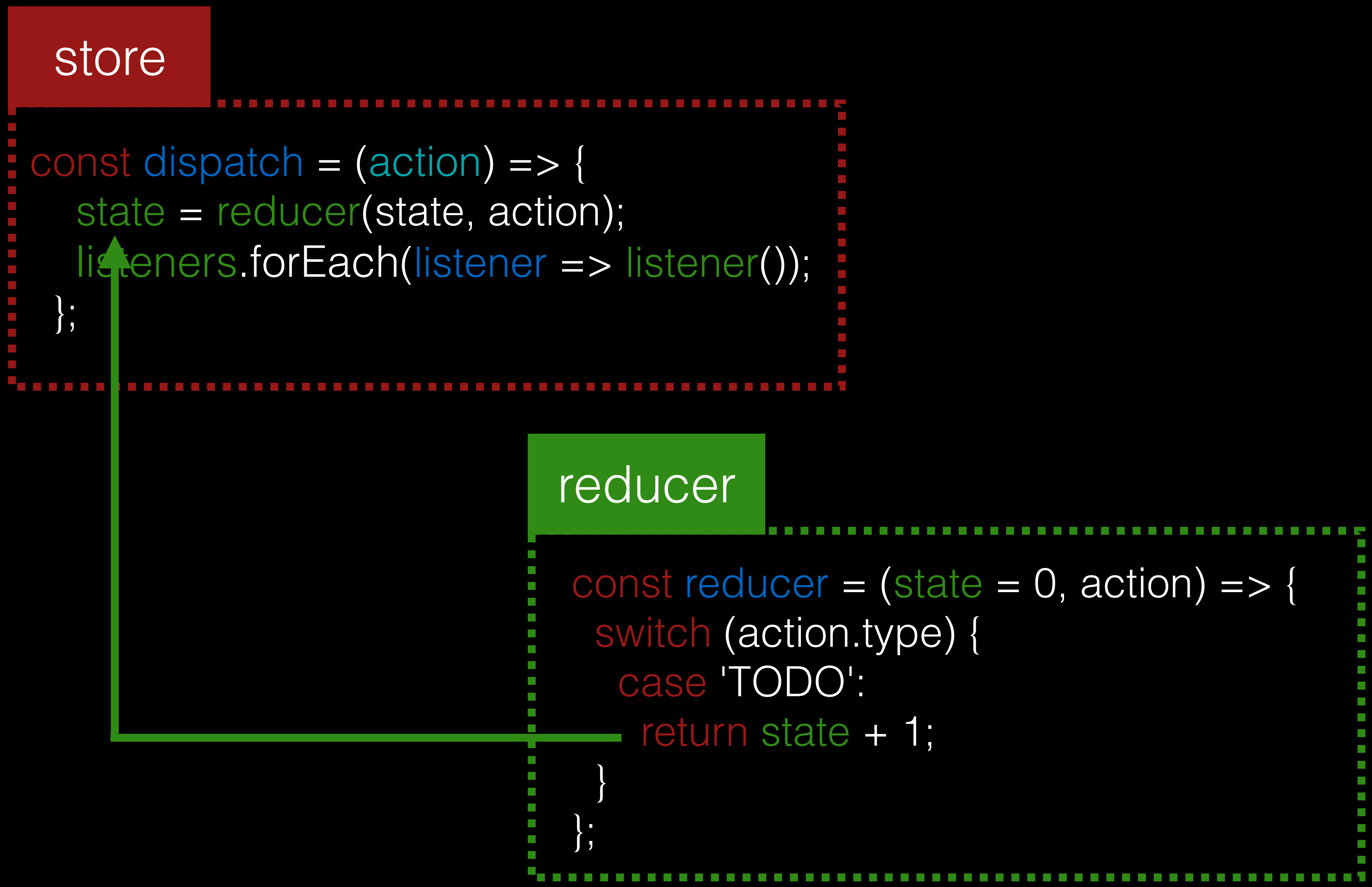

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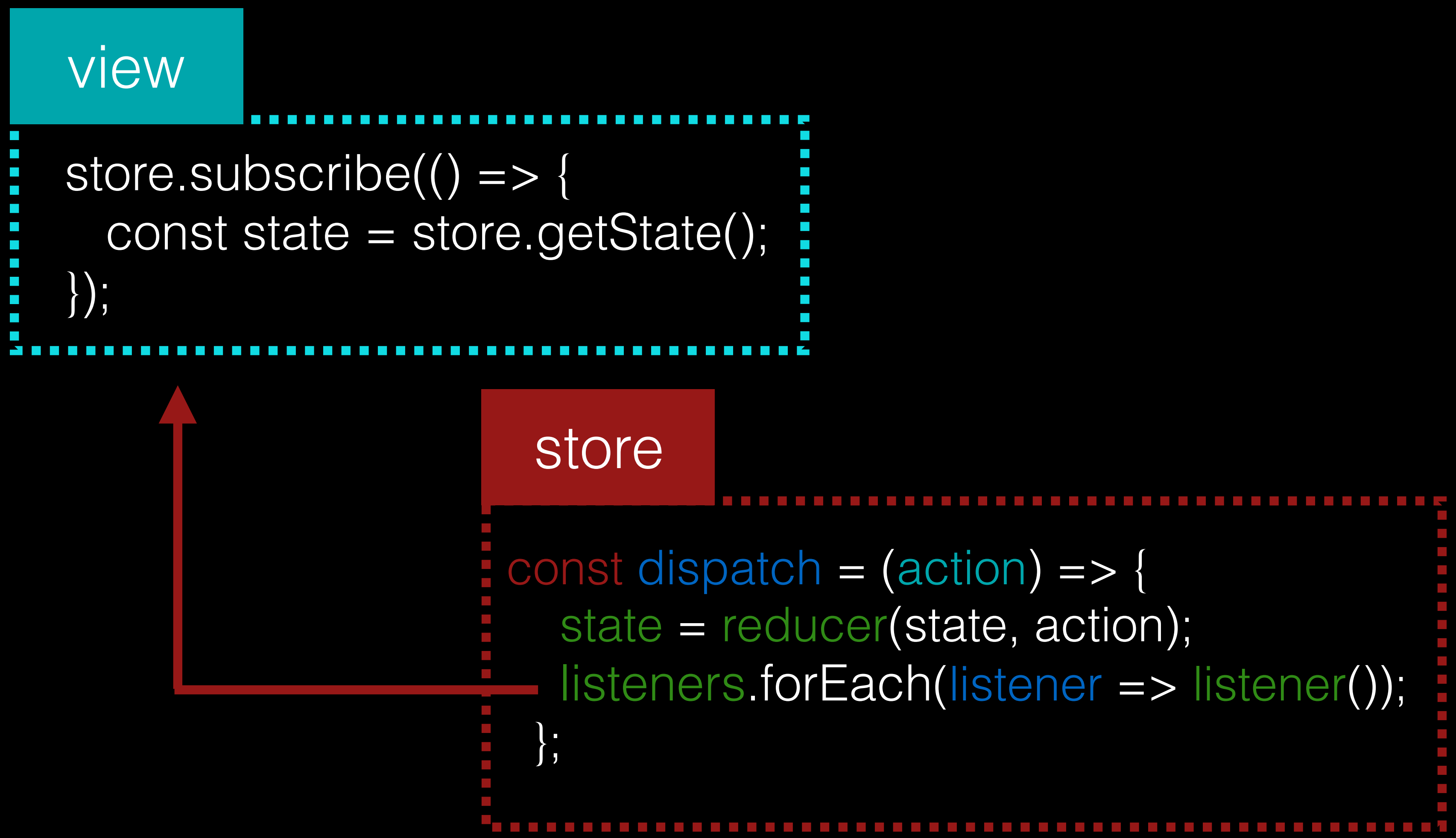

view

```
store.subscribe(() => {
   const state = store.getState();
});
```

store

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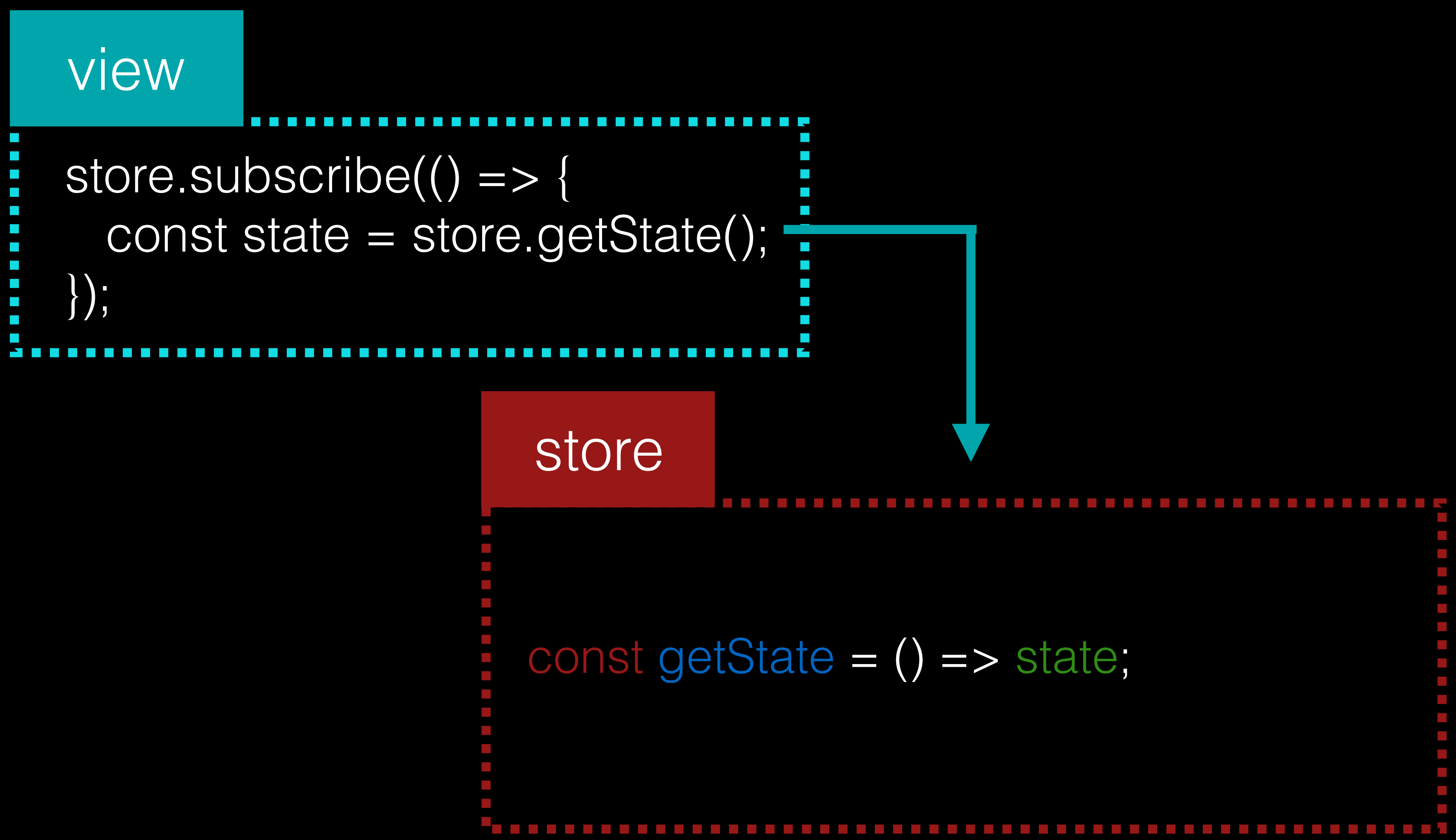

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```
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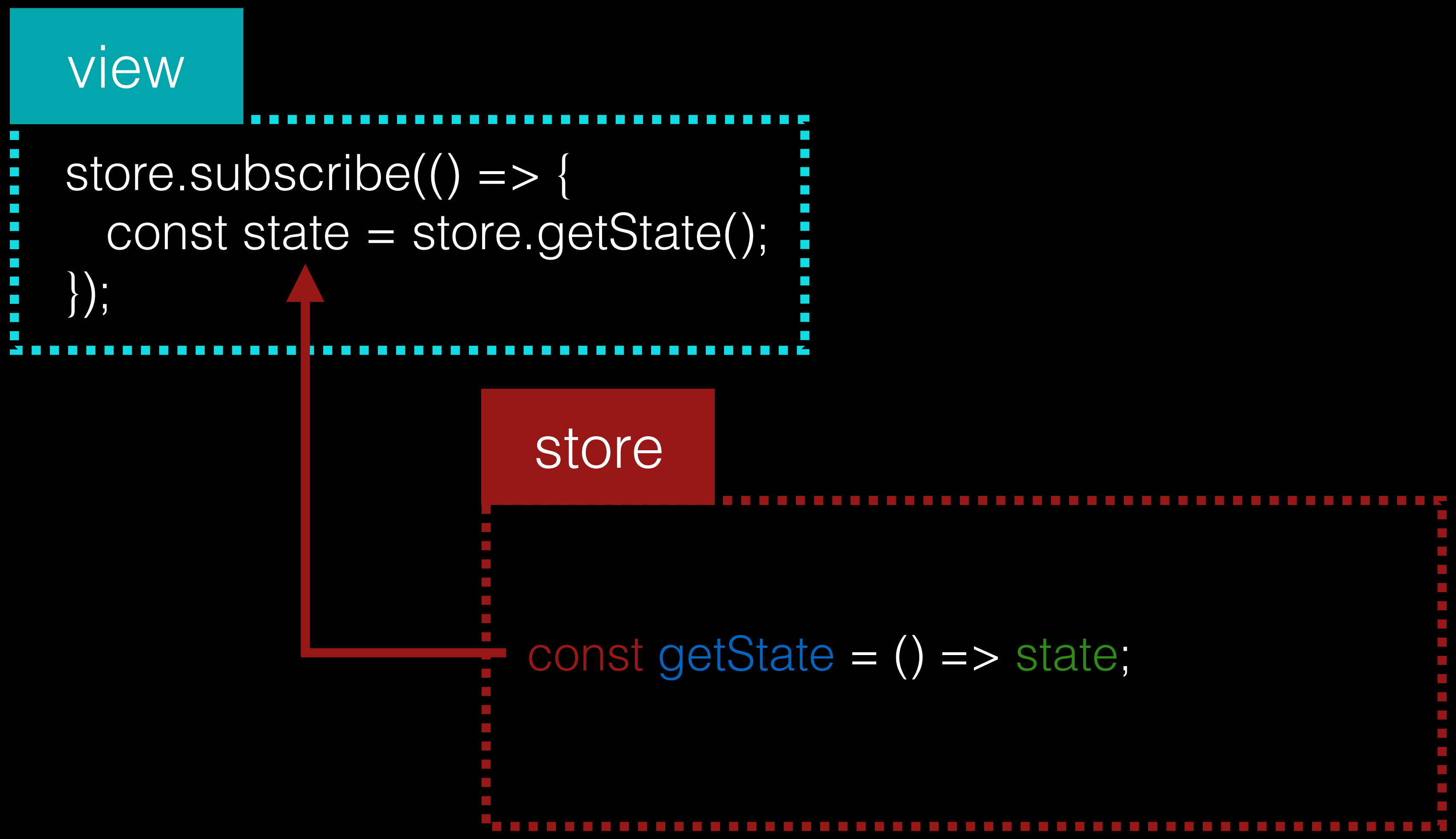

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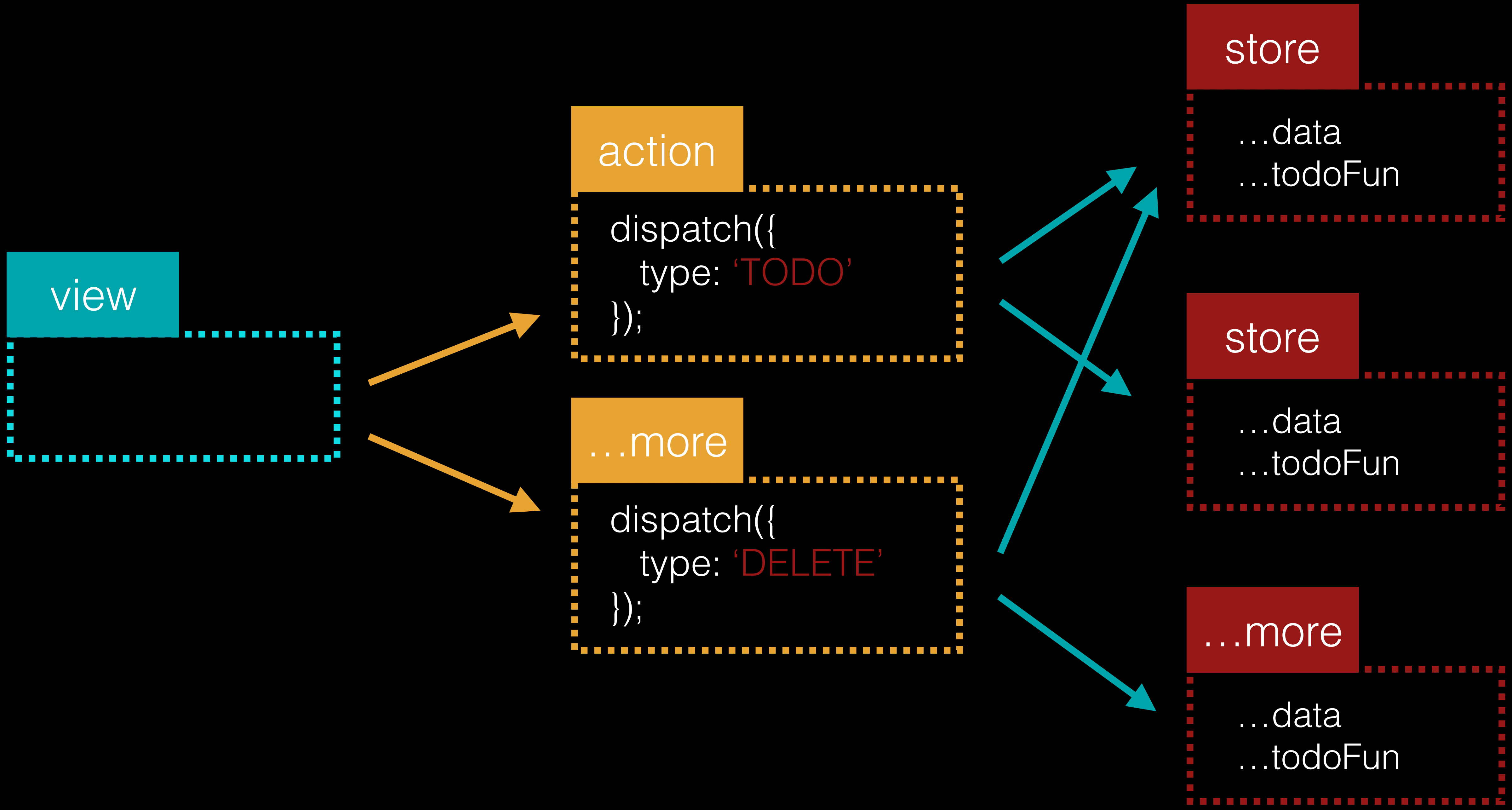
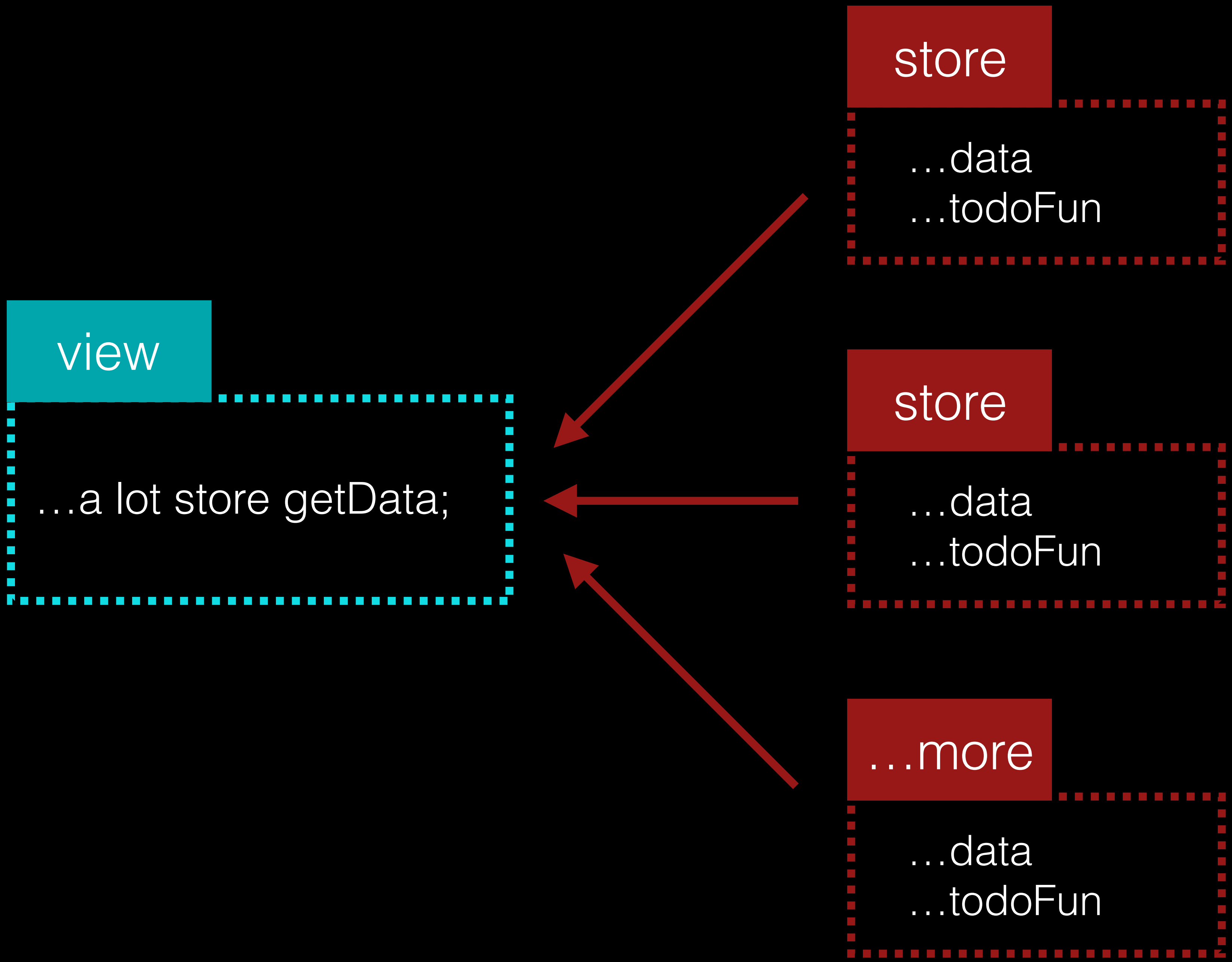
Single Source of Truth

Flux - dispatch



Flux - getData



view

…a lot store getData;

store

…data
…todoFun

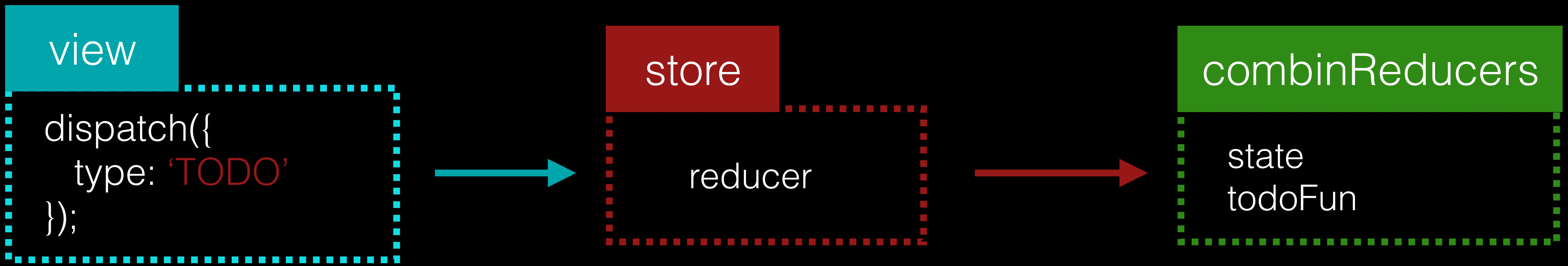
store

…data
…todoFun

…more

…data
…todoFun

redux- dispatch



view

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dispatch({
   type: ‘TODO’
});
```

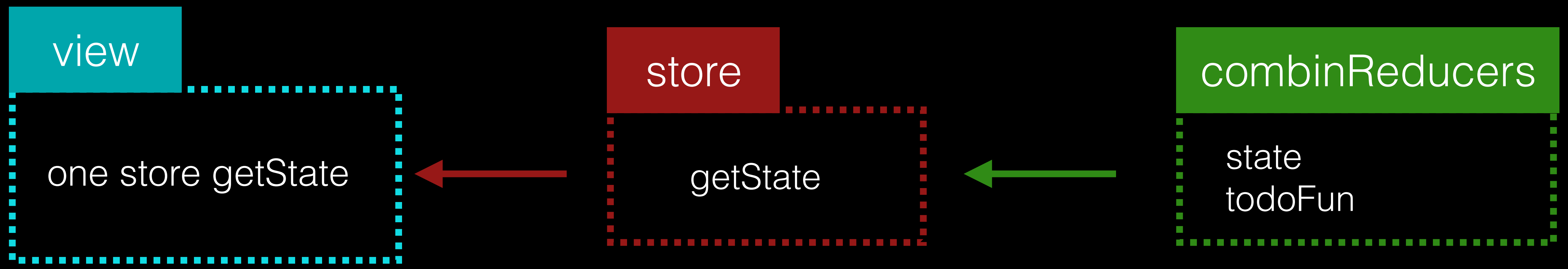
store

reducer

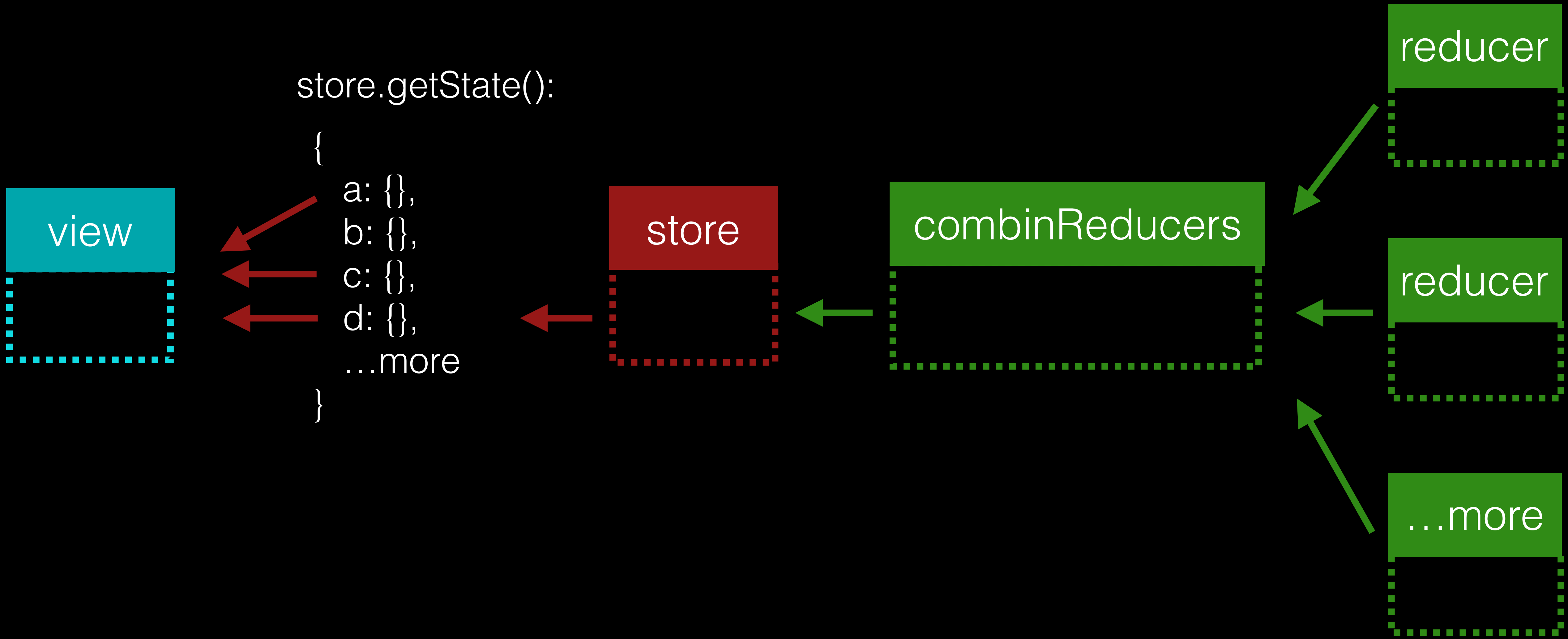
combinReducers

state
todoFun

redux- getState



redux- store real world



store.getState():

```
{
   a: {},
   b: {},
   c: {},
   d: {},
   …more
}
```