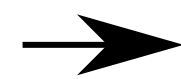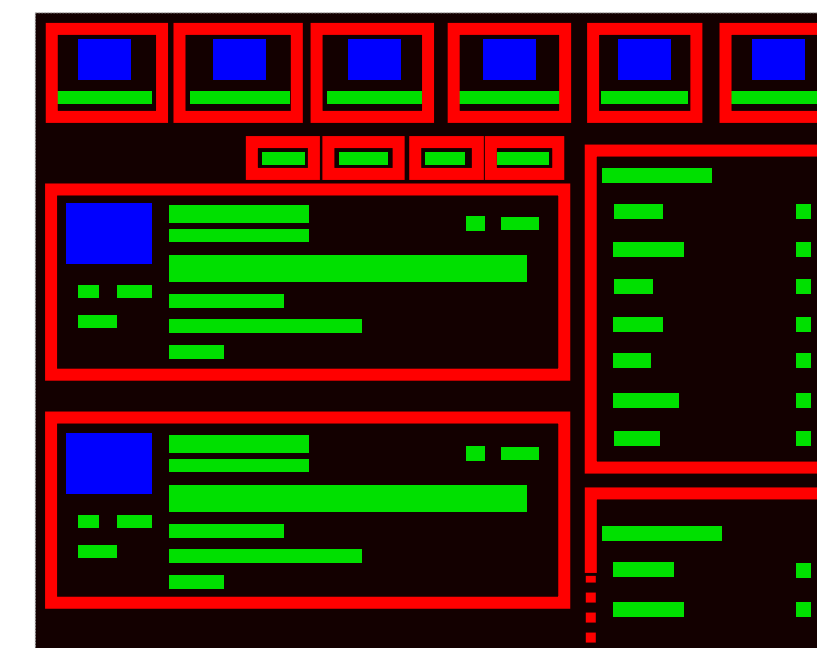**DOM in Web Browser**

Visual UI Normalization

Visual Elements

Potential Component Instance Identification

Potential Component Instances
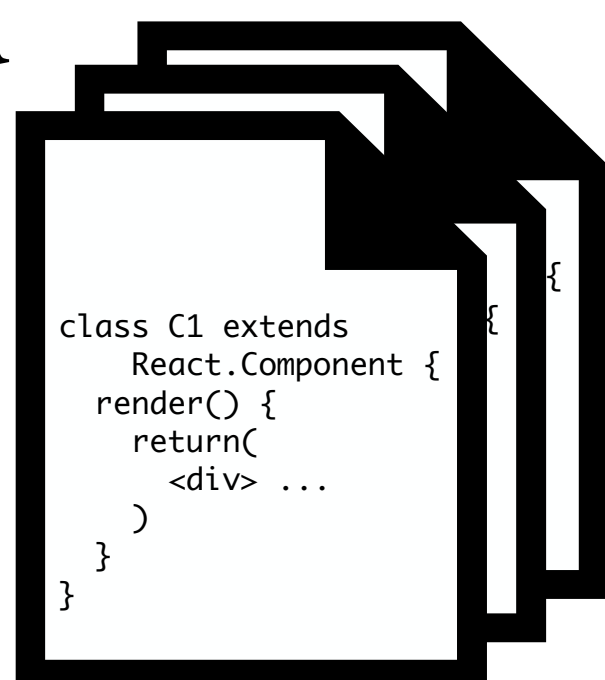
Unsupervised Visual Matching

Identified Components

UI Component Generation

```
class C1 extends
    React.Component {
  render() {
  return(
    <div> ...
  )
  }
}
```

UI Components (React, Angular, ...)

Refactored HTML