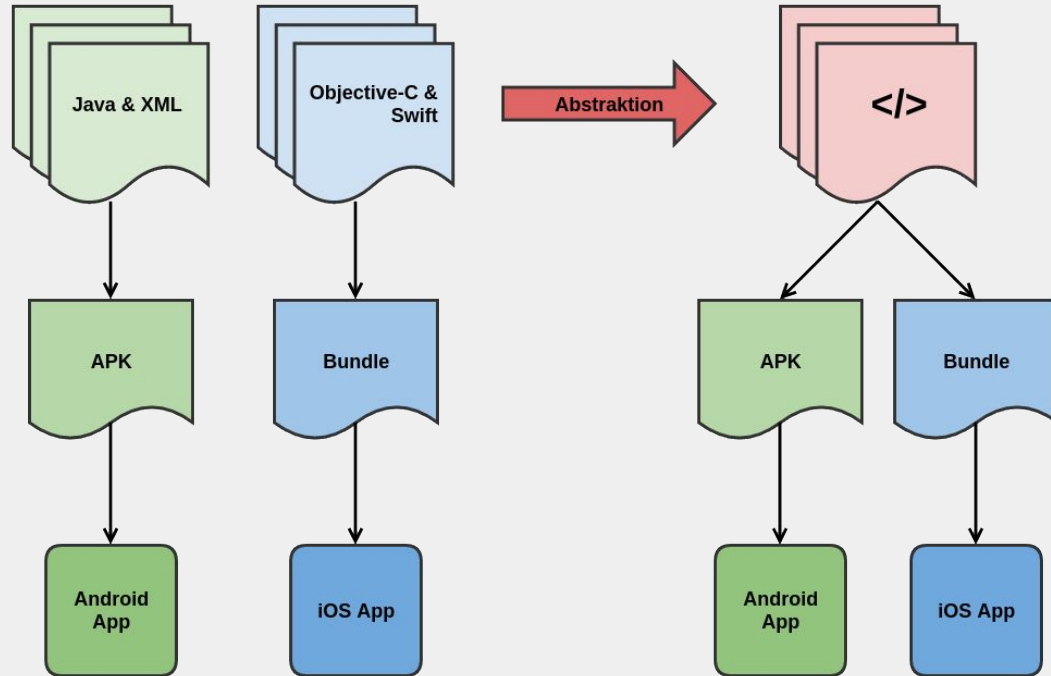


NativeScript On Fire



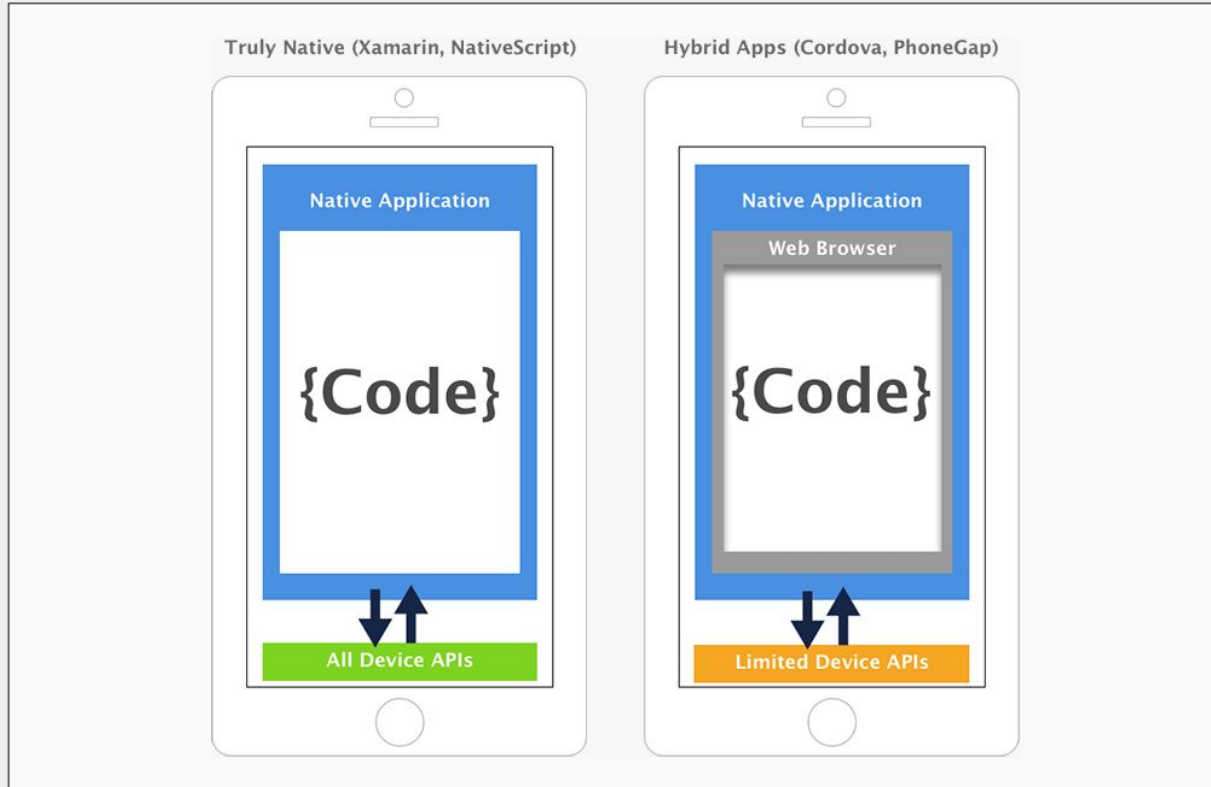


Cross-Platform Development



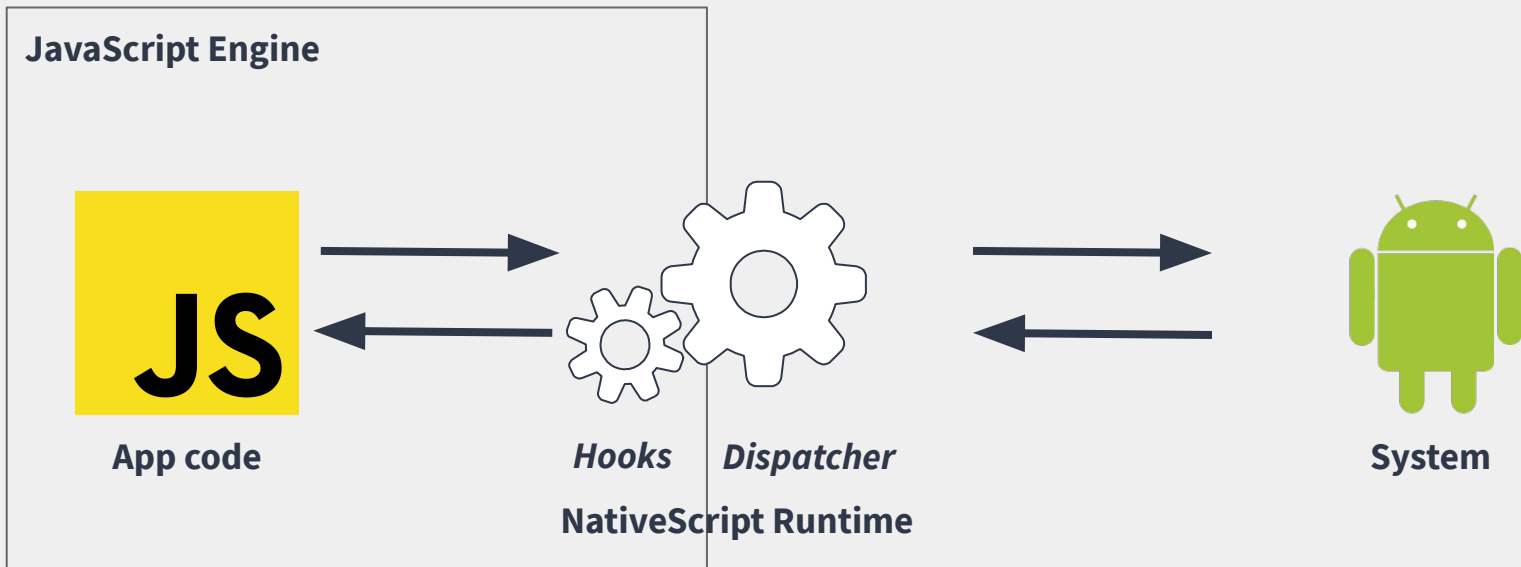


Cross-Plattform Entwicklung



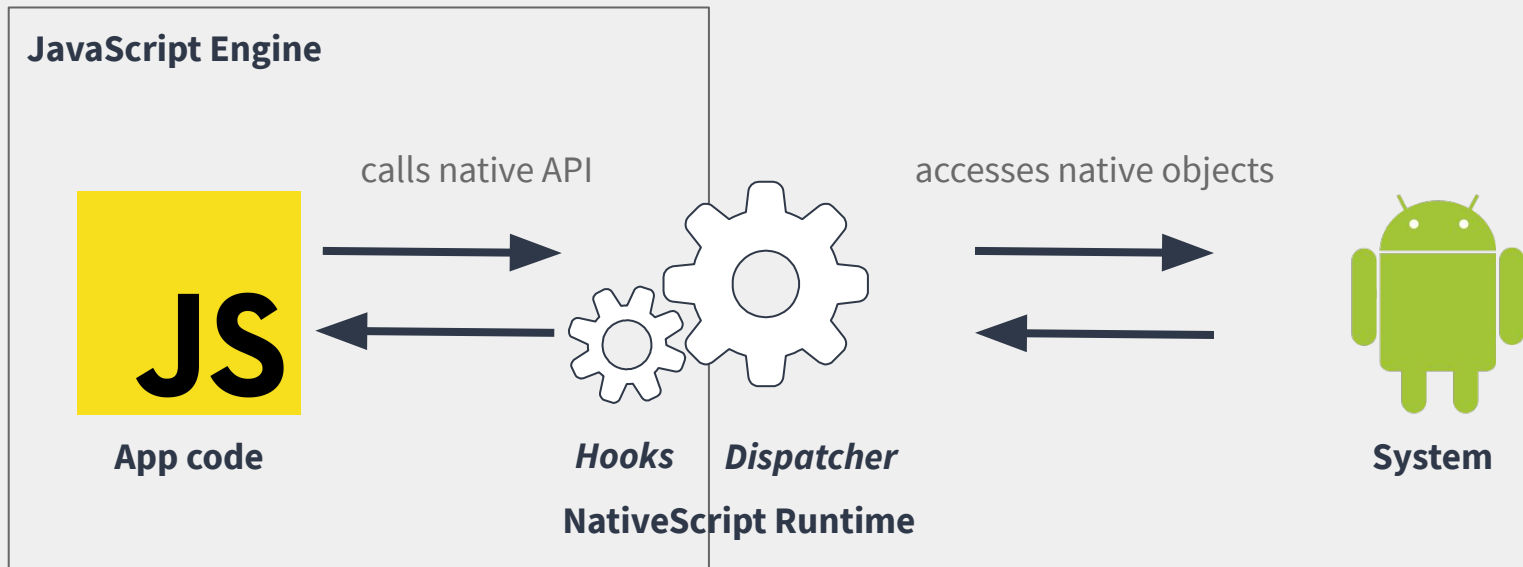


NativeScript





NativeScript

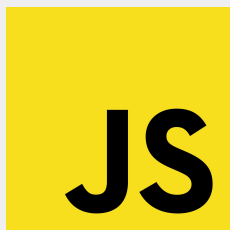




NativeScript

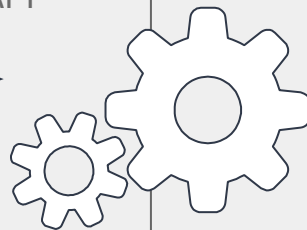
```
var button =  
new android.widget.Button(getApplicationContext())
```

JavaScript Engine



App code

calls native API



Hooks Dispatcher

NativeScript Runtime

accesses native objects



System

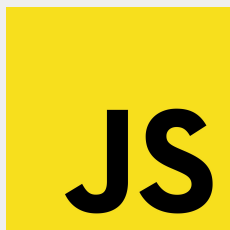
```
Button button =  
new Button(getApplicationContext());
```



NativeScript

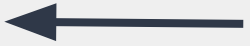
```
var button =  
new android.widget.Button(getApplicationContext())
```

JavaScript Engine



App code

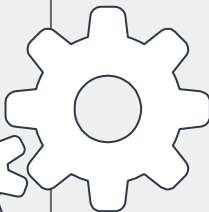
calls native API



calls JavaScript
functions



Hooks



Dispatcher

NativeScript Runtime

```
Button button =  
new Button(getApplicationContext());
```

accesses native objects



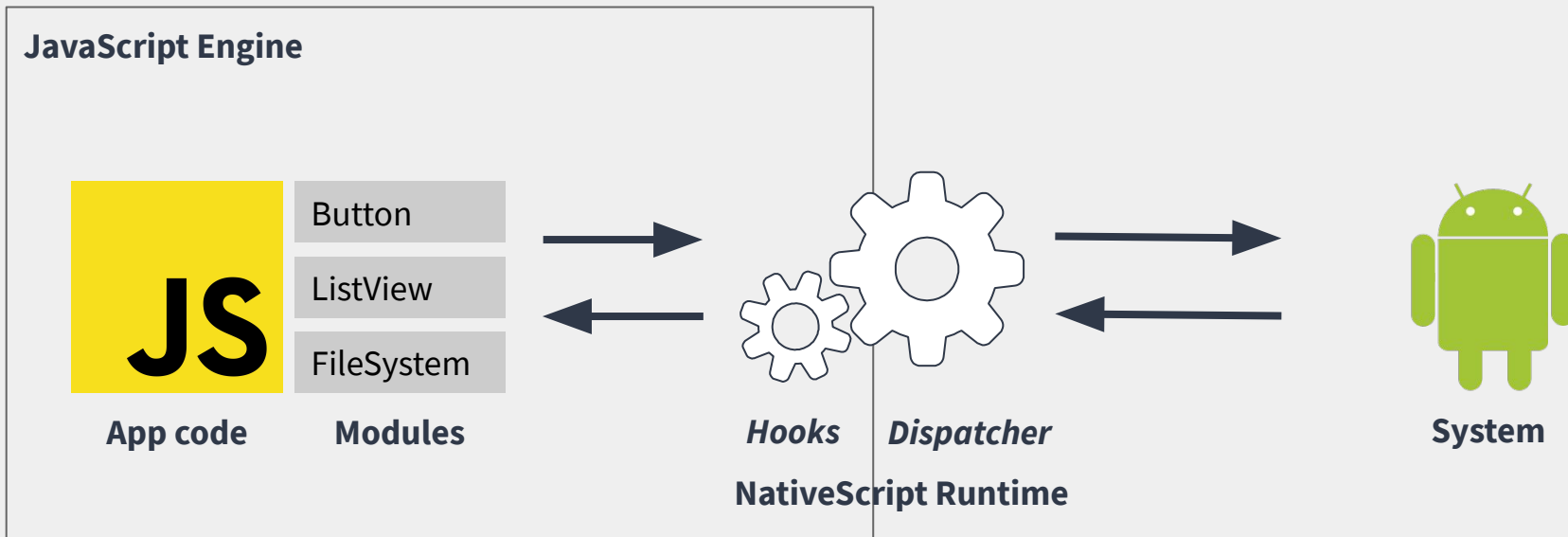
calls callback function



System

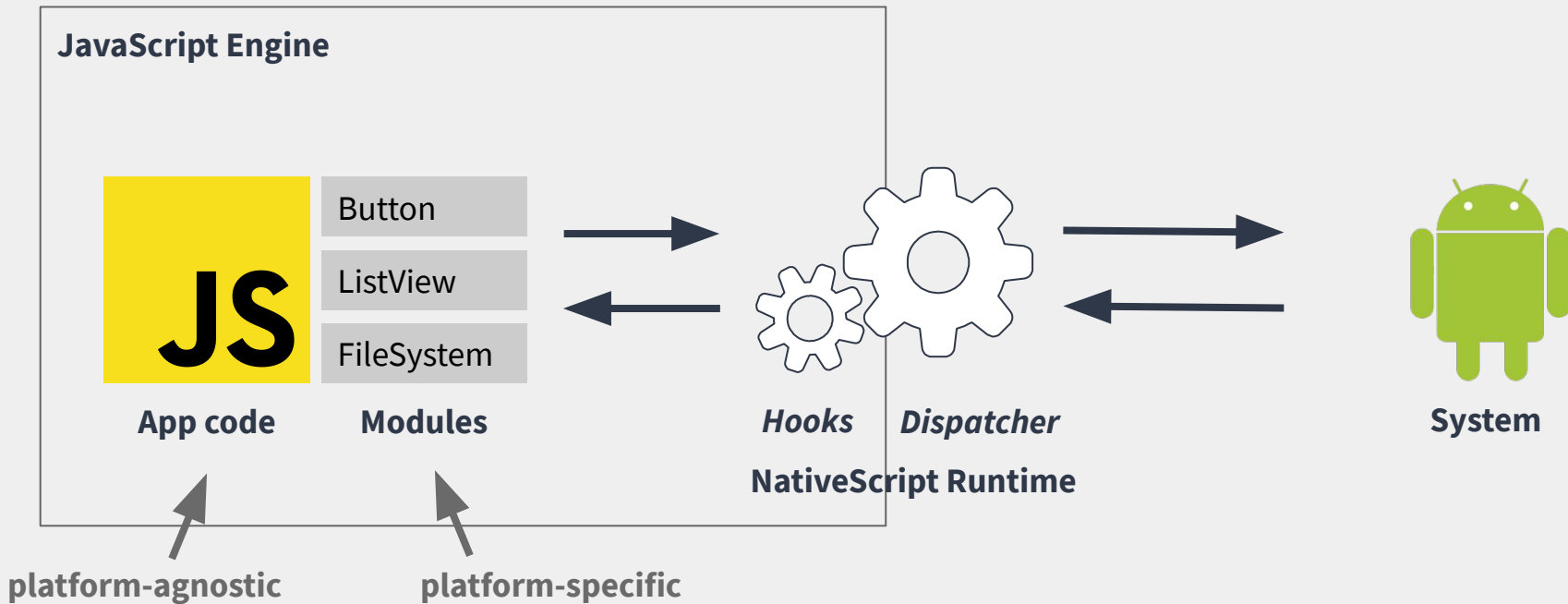


NativeScript



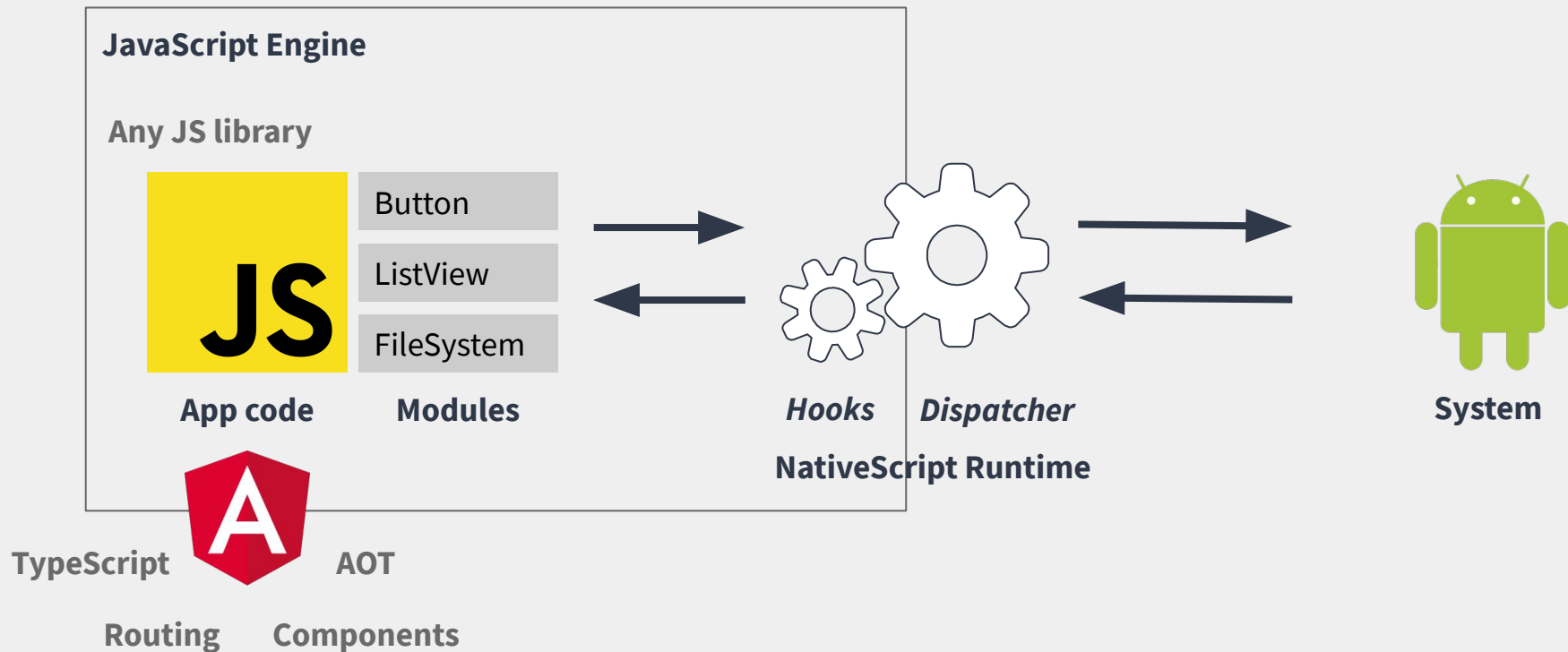


NativeScript



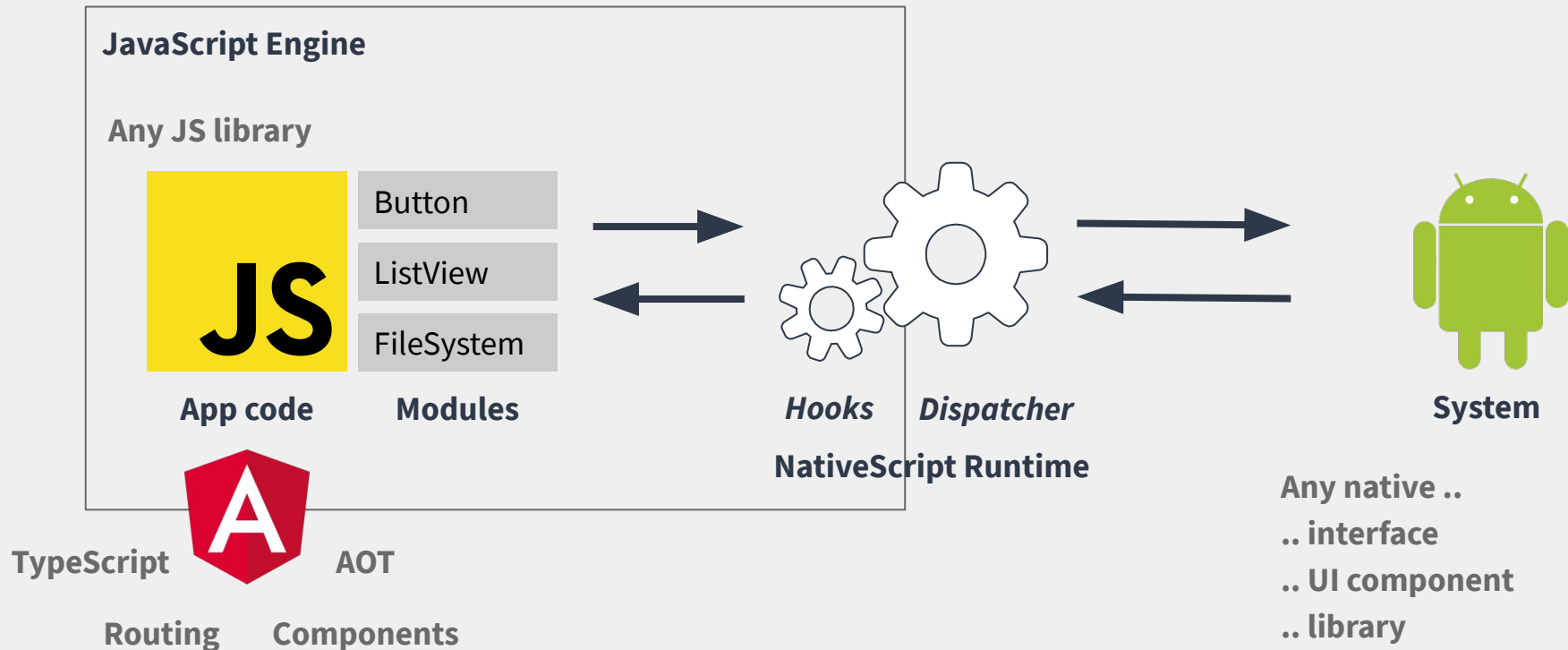


NativeScript



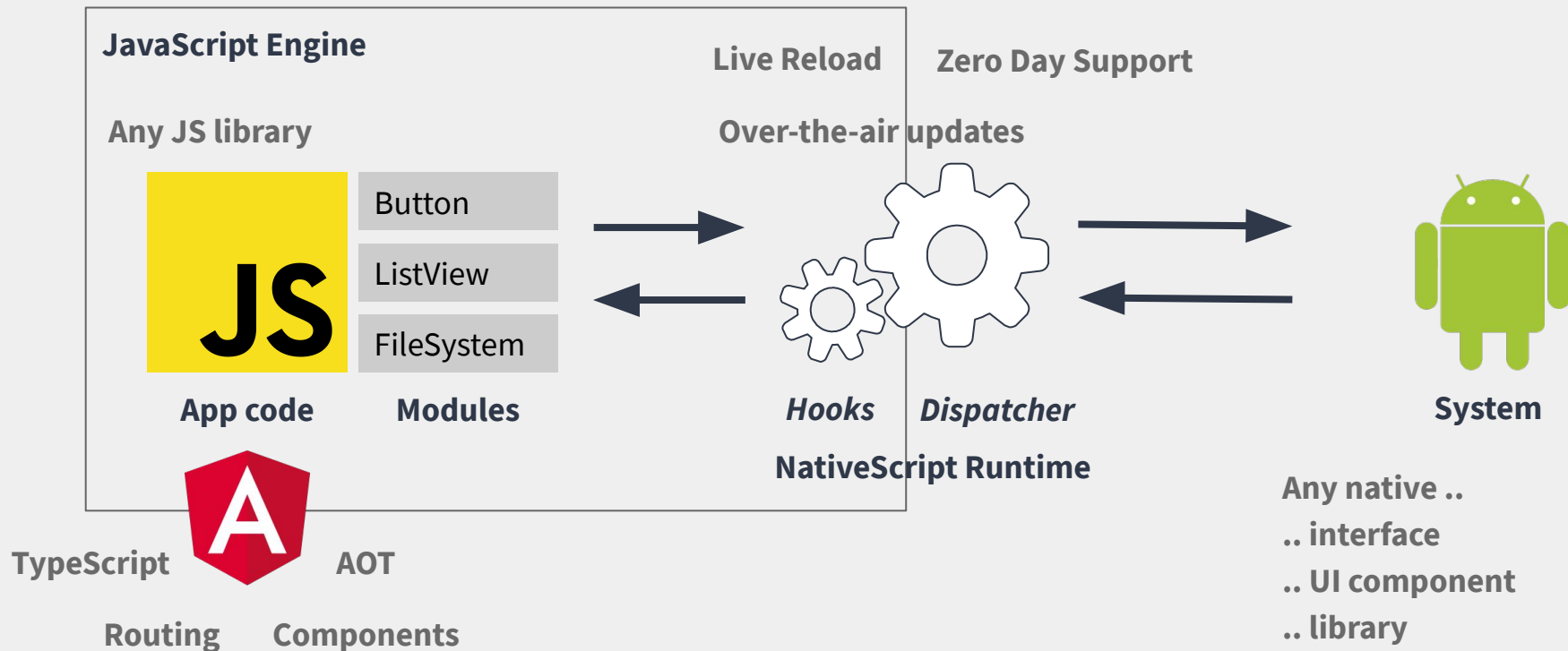


NativeScript



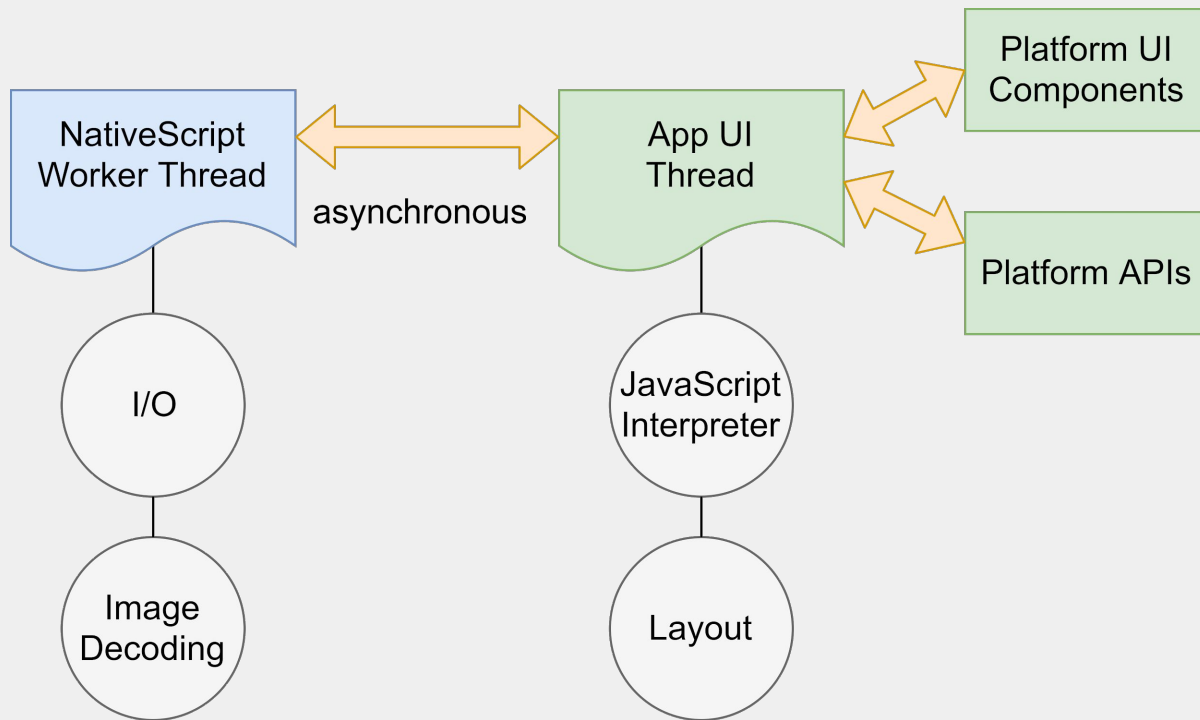


NativeScript



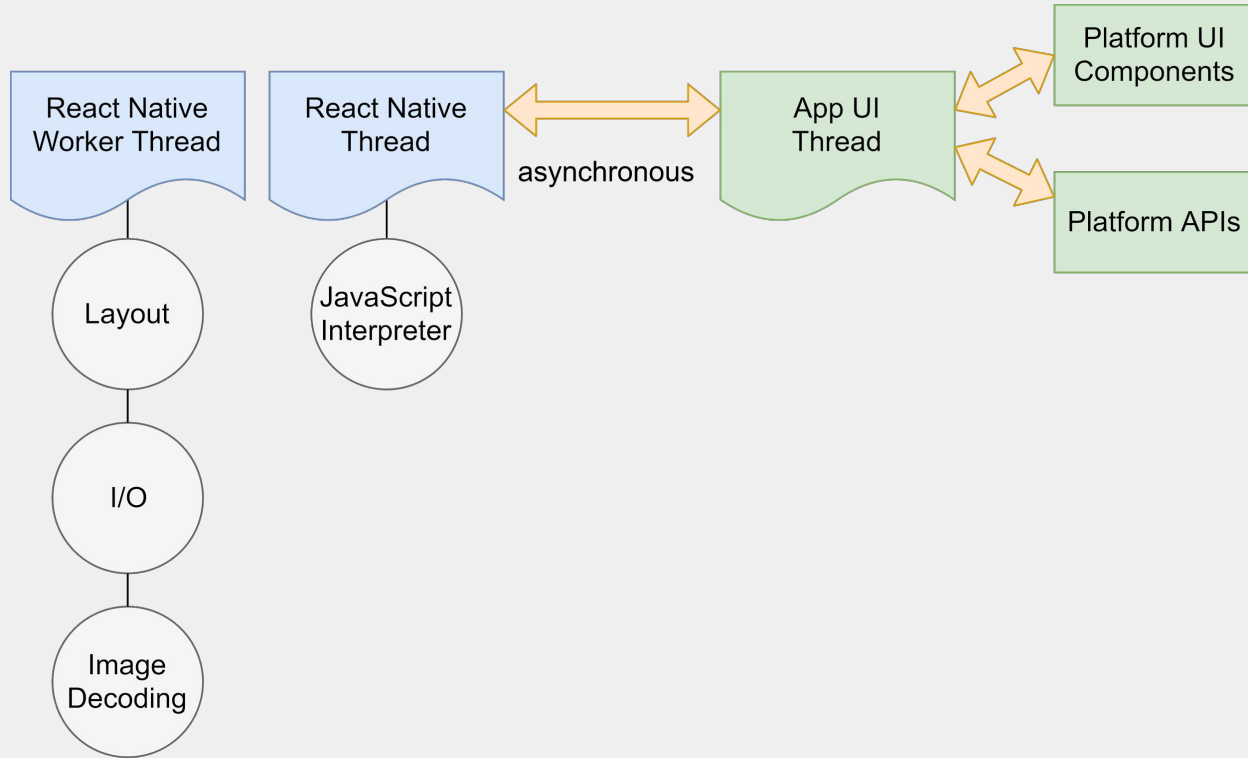


NativeScript





React Native





React Native

```
...  
  
public class ReactButtonManager extends SimpleViewManager<ReactButtonView> {  
  
    public static final String REACT_CLASS = "RCTButtonView";  
  
    @Override  
    public String getName() {  
        return REACT_CLASS;  
    }  
  
    @Override  
    public ReactButtonView createViewInstance(ThemedReactContext context) {  
        return new ReactButtonView(context, new Button(), mCallerContext);  
    }  
    ...  
}
```



NativeScript

```
...
export class MyButton extends MyButtonBase {

    // added for TypeScript intellisense.
    nativeView: android.widget.Button;

    public createNativeView(): Object {
        // Initialize ClickListener.
        initializeClickListener();

        // Create new instance of android.widget.Button.
        const button = new android.widget.Button(this._context);

        // set onClickListener on the nativeView.
        button.setOnClickListener(clickListener);

        return button;
    }
    ...
}
```




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Thanks!

Questions or remarks?



NativeScript

