



ADD 8THWALL TO REACT APP

In your React app directory, open `public/index.html`. Then add the following line between the `head` tags, and replace `APP KEY` with the `APP KEY` you copied from the previous step.

```
<head>
...
<script async src="https://apps.8thwall.com/xrweb?appKey=[REPLACE WITH
YOUR APP KEY]"></script>
...
</head>
```

Add code to initialize the 8th Wall library.

- In `src/App.js` replace the line `import Amplify from 'aws-amplify'` with the following, in order to import also the XR component from Amplify

```
import Amplify, {XR as awsXR} from 'aws-amplify';
```

- In the same file, replace the App class definition with this new one that uses the XR component

```
class App extends Component {
  render() {
    return (
      <div id="sumerian-scene-dom-id" style={ {height: '100vh'} }>
        <p id="loading-status">Loading...</p>
      </div>
    );
  }

  componentDidMount() {
    this.loadAndStartScene();
  }

  async loadAndStartScene() {
```

```

await awsXR.loadScene('scene1', 'sumerian-scene-dom-id');

const world =
awsXR.getSceneController('scene1').sumerianRunner.world;

window.sumerian.SystemBus.addListener('xrerror', (params) => {
  // Add error handling here
});

window.sumerian.SystemBus.addListener('xrready', () => {
  // Both the Sumerian scene and XR8 camera have loaded. Dismiss
  loading status
  const loadingStatus = window.document.getElementById('loading-
status');
  if (loadingStatus && loadingStatus.parentNode) {
    loadingStatus.parentNode.removeChild(loadingStatus);
  }
});

window.XR8.Sumerian.addXRWebSystem(world);

awsXR.start('scene1');
}
};

```

Note

Mind that this code has 3 reference to your sumerian scene name, here reported as `scene1` again. So replace this with the name with the one you configured during the amplify add xr step in *Step 4: Set up a React app created in AWS Amplify* for the scene configuration, has done previously.

The final src/App.js should be like the following one

```

import React, {Component} from 'react';
import './App.css';
import { withAuthenticator, SumerianScene } from 'aws-amplify-react';
import Amplify, {XR as awsXR} from 'aws-amplify';
import Aws_exports from './aws-exports';

Amplify.configure(Aws_exports);

class App extends Component {
  render() {
    return (
      <div id="sumerian-scene-dom-id" style={ {height: '100vh'} }>
        <p id="loading-status">Loading...</p>
      </div>
    );
  }
}

```

```
}

componentDidMount() {
  this.loadAndStartScene();
}

async loadAndStartScene() {
  await awsXR.loadScene('scene1', 'sumerian-scene-dom-id');

  const world = awsXR.getSceneController('scene1').sumerianRunner.world;

  window.sumerian.SystemBus.addListener('xrerror', (params) => {
    // Add error handling here
  });

  window.sumerian.SystemBus.addListener('xrready', () => {
    // Both the Sumerian scene and XR8 camera have loaded. Dismiss loading
    status
    const loadingStatus = window.document.getElementById('loading-status');
    if (loadingStatus && loadingStatus.parentNode) {
      loadingStatus.parentNode.removeChild(loadingStatus);
    }
  });

  window.XR8.Sumerian.addXRWebSystem(world);

  awsXR.start('scene1');
};

export default withAuthenticator(App, { includeGreetings: true });
```

