

# error-boundaries

Validates usage of Error Boundaries instead of try/catch for errors in child components.

## Rule Details

Try/catch blocks can't catch errors that happen during React's rendering process. Errors thrown in rendering methods or hooks bubble up through the component tree. Only [Error Boundaries](#) can catch these errors.

### Invalid

Examples of incorrect code for this rule:

```
// ✗ Try/catch won't catch render errors
function Parent() {
  try {
    return <ChildComponent />; // If this throws, catch won't help
  } catch (error) {
    return <div>Error occurred</div>;
  }
}
```

### Valid

Examples of correct code for this rule:

```
// ✅ Using error boundary
function Parent() {
  return (
    <div>
      <ChildComponent />
    </div>
  )
}
```

```
<ErrorBoundary>
  <ChildComponent />
</ErrorBoundary>
);
}
```

## Troubleshooting

### Why is the linter telling me not to wrap use in try / catch?

The `use` hook doesn't throw errors in the traditional sense, it suspends component execution. When `use` encounters a pending promise, it suspends the component and lets React show a fallback. Only Suspense and Error Boundaries can handle these cases. The linter warns against `try / catch` around `use` to prevent confusion as the `catch` block would never run.

```
// ✗ Try/catch around `use` hook
function Component({promise}) {
  try {
    const data = use(promise); // Won't catch - `use` suspends, not throws
    return <div>{data}</div>;
  } catch (error) {
    return <div>Failed to load</div>; // Unreachable
  }
}

// ✅ Error boundary catches `use` errors
function App() {
  return (
    <ErrorBoundary fallback={<div>Failed to load</div>}>
      <Suspense fallback={<div>Loading...</div>}>
        <DataComponent promise={fetchData()} />
      </Suspense>
    </ErrorBoundary>
  );
}
```

이전

config

다음

gating



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