

## Chapter 9 Node JS Error

### Node.js Errors

The Node.js applications generally face four types of errors

Standard JavaScript errors i.e. <EvalError>, <SyntaxError>, <RangeError>, <ReferenceError>, <TypeError>, <URIError> etc.

System errors

User-specified errors

Assertion errors

//.....

### Node.js Errors Example 1

Let's take an example to deploy standard JavaScript error - ReferenceError.

File: error\_example1.js

```
// Throws with a ReferenceError because b is undefined
try {
  const a = 1;
  const c = a + b;
} catch (err) {
  console.log(err);
}
```

Open Node.js command prompt and run the following code:

node error\_example1.js

//.....

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## Node.js Errors Example 2

File: timer2.js

```
const fs = require('fs');
function nodeStyleCallback(err, data) {
  if (err) {
    console.error('There was an error', err);
    return;
  }
  console.log(data);
}
fs.readFile('/some/file/that/does-not-exist', nodeStyleCallback);
fs.readFile('/some/file/that/does-exist', nodeStyleCallback);
```

Open Node.js command prompt and run the following code:

```
node error_example2.js
```