

3 Javascript Errors:

- Syntax Errors
- Runtime Errors
- Logical Errors

Components should enforce contracts

“Javascript errors are exceptional”

Error Handling === Exception Handling

Try-Catch doesn't work for syntax errors, only runtime

JavaScript Linter allows you to see syntax errors

```
Try {  
    if("whatever condition"){  
        throw("Error Description")  
    } else {  
        "Whatever code to be run"  
    }  
} Catch (err) {  
    "Runtime Error"  
}
```

Mongoose crud operations automatically run try catch in CRUD methods

Debugging:

Step 1:

- Error Message
- Line Number
- Type of Error

Step 2:

- How the script and how far the script has run

Step 3:

- Values in code by setting breakpoints and comparing values that you expect to what the variables hold (As you step through your code, does the data equal what is expected)