

try/catch

ServiceNow's Script Editor provides *syntax checking* (unpaired ", missing ; and other syntax issues) and cannot find runtime issues such as bad function calls. To find information for runtime problems, use JavaScript's *try/catch* statement. In the example script, the function *helloWorld()* is not defined. Although the script does not have *syntax* errors, it throws a *runtime* error.

```
function onLoad() {
  // Using Try/Catch to trap runtime errors.
  // The helloWorld() function does not exist.

  try{
    helloWorld();
  }
  catch(err){
    jslog('A JavaScript runtime error occurred: ' + err.message);
  }
}
```

The JavaScript *err* object has two useful properties:

- *message*
- *name*

The example script displays *err.message*.

JavaScript Log	Field Watcher	Small	Medium	Large		
<div>15:59:55 (631) incident.do A JavaScript runtime error occurred: helloWorld is not defined</div> <div>15:59:55 (631) incident.do [00:00:00.001] Demo Client Script Debugging</div>						

To catch custom errors, use the JavaScript *throw()* method.