



# JavaScript Testing

*Beginner's Guide*

Test and debug JavaScript the easy way

# JavaScript Testing







**Stefano Provenzano**

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*Table of Contents*





## What this book covers

*Chapter 1, †      K    o    u*

## What you need for this book

v

b



[REDACTED]



















## Time for action – styling your HTML document using CSS

No . . . . . =uU O  
#oo















$t \in \mathcal{K} \cap u$











*t*    · *K*    *o*    *u*

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*t*    · *K*    *o*    *u*

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## Time for action – loading errors in action

V      K      o

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*Chapter 1*

## Some advice for writing error-free JavaScript

By now, you should have a brief understanding of the types of JavaScript errors. While we typically cannot avoid errors, we should try to minimize errors as we write code. In this

## Preventing errors by choosing a suitable text editor



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$$^{\circ} \equiv u^{\circ} - K_o$$

















*Chapter 2*













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$\hat{u} = u + \lambda K_o$

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The issue in using `alert` is that it will stop the execution of the code. The `alert` should be placed in the



$\hat{u} = u + \epsilon$  )  $K_o$

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$\hat{u} = u - \frac{1}{K} o$

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```
var shortChange = retirementMoney -  
confirmedSavingsByRetirement;  
alert(shortChange);  
var yearsNeeded = shortChange/12; alert(shortChange);  
var t(shortChange);  
shortChange = shortChange - t; shortChange = shortChange / 12;  
var yearsNeeded = shortChange / 12;
```

*Chapter 2*

$\hat{u} = u + \epsilon$  )  $K_o$

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Most importantly, having a good coding style allows us to quickly understand the code,





*Chapter 3*

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*o*      *t*

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*o*      *t*

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*o*      *t*















*o*      *t*

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*o*      *t*



*o*      *t*

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4

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*u*



$h$        $u$

*Chapter 4*



















*Chapter 4*











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*h*   .   *u*   *h*   @   ..

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*Chapter 5*

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Time for action – Test case 1bii: testing expected but





























```
return true;
```









*h*    . . . *u*    *h*    @    ..

6





$u$        $U$        $\#$        $\#$

In `nameclash1.js`, we have the following code:

```
function change(element) {
```

There are many more JavaScript libraries out there. For a complete list, feel free to visit



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*Chapter 6*





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*Chapter 6*



## The SyntaxError object

A `SyntaxError`



*Chapter 6*

## Modifying scripts and testing



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## IE 8 Developer Tools (and the developer toolbar plugin for IE6 and 7)

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*What just happened?*

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*Chapter 7*





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## Time for action – more debugging with the Venkman extension

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**12.**

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# jQuery 1.4 Reference Guide

©" V ..... h

JavaScript library

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