

Re: Proper coding? (JS newbie)

W3's free "HTML Tidy for Windows released on 19 April 2007" said :

""

I'll get a copy of HTML Tidy and try it.

I should have said that it is intended mainly as a neatener, but I prefer to use it only as a checker, using in essence
TIDY -f \$\$\$\$\$\$.CHK < %1 > nul
embedded in a batch file.

Yes, that is more concise. I found I can use:

```
AdjustArray = [[1.0, 1.1, 1.2, 1.5, 1.0], [1.0, 1.1, 1.2, 1.5, 1.0], [1.0,  
0.9, 0.8, 0.7, 1.0]];
```

But it might be better to assign the values separately to the three named arrays.

Personally, I'd use that code, but with each sub-array on its own line.

`parseInt(Form1.Weight.value)` can probably be `+Form1.Weight.value`

Yes. That fixes the problem where 090 is not the same as 90. I found this also in the FAQ.

IIRC, I caused it to be put there.

I have fixed this using `TotalFee.toFixed([2])`.

Probably you cannot reach the values where `toFixed` is (in IE) wrong, except for dogs of uncertain habits and negative weight,

I also now use "adjusted by", so that 110% is an increase and 80% is a decrease.

I'd call that "adjusted by +10%" . "... -20%".

A 99-lb dog and an 099-lb dog cost differently.

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This was caused by the `parseInt` function. It reads `099` as a zero, yet it reads `010` as an 8. Apparently a leading zero indicates Octal. It's in the FAQ.

IIRC, the standard deprecates that behaviour, but it seems general and traditional. Don't use `parseInt` when not necessary.

Your new `Array(3, 5)` is not a 2-dimensional array; Javascript does not have them even though `A[4,8]` is meaningful.

It seems like the array can be accessed as a 3x5 array, as I have done with `AdjustArray[HumanBite][iter]`. Is this the same as `AdjustArray[HumanBite,iter]`?

Yes. The standards (ECMA 262, ISO/IEC 16262, free PDFs, first more popular, second more recent and a bit better but meaning the same) presumably refer to `[x,y]` near where they refer to `[x]`, but I can't at present locate either.

If `A` is an array then `A[x]` is an element of it, so if `A[x]` is an array then `A[x][y]` is an element of it, so /ad infinitum aut nauseam/. And somewhere comma must be defined as equivalent, in that context, to `][`.

I find the alerts tiresome; the text could easily be written to a "latest change" readonly input control.

They were originally a debugging tool. I like to see what is being done for each of those selections. Is there a way to have a message box with a timeout so it just pops up for a second, and then closes?

Probably easier to have another input box in which the latest news is put, or a textarea to which it is added.

Your `hbh dbh obh` are used as Booleans but given integer values; javascript has Booleans.

I got confused when I used "True" rather than "true". Uppercase seems to be inconsistent, because I can't use `new array(1.0, 1.1, 1.2, 1.5, 1.0)`; it must be capitalized.

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Case is always important, except where it is turned off in a RegExp.

AdjustArray is indexed only by literal numeric constants; names could be used (*some* resemblance to an enumerated type).

I defined variable names to simulate enumeration. I could not find a way to assign constants.

Since there are no constants, you cannot do that. But you can use variables (cf. Pascal/Delphi typed constants)

```
A = [1,2,3,4,5] ; C = "cat" ; A[C] = "Manx"
A[3] = true
X = [A, " and ", A['cat']].toString()
gives "1,2,3,true,5, and ,Manx" <g>.
```

Sometimes I got lots of warnings in FireBug console that said:

Element referenced by ID/NAME in the global scope. Use W3C standard document.getElementById() instead.

This was where I had used something like Form1.DogType.value. I could not get the recommended function to work. Is this really a problem? I found a reference to the standards at:

<http://www.w3.org/TR/2000/REC-DOM-Level-2-Core-20001113/core.html>

I consider getElementById to be rather a crude method, ignoring structure. But give each form an ID and when you start using one get such a reference to it and use it for sub-referencing.

Standards, PDF, free, linked via sig line 3.

+++

```
Change // DogLicenseJS.htm - 09/04/07 - Paul E. Schoen
to ItIs="2007-09-08" // DogLicenseJS.htm - Paul E. Schoen
and <P>Date: 2007-09-07</P>
to <div ID=Now></div>
and do document.getElementById("Now").innerHTML = ItIs
and you'll only have one date to update.
```

```
For else if (hbh == false) {
I'd use else if (!hbh) {
```

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as ! is NOT.

```
You have var Weight = Form1.Weight.value;
which is a String.
Use var Weight = + Form1.Weight.value;
which is a Number. Should not make any difference, but nicer.
The next statement could be
if(isNaN(Weight)) { ... }
```

If a neutered dog is re-enabled, the fee is without warning restored.

The form cannot handle a dog which has committed a single offensive bite and has also defended its owner.

IMHO, a dog can attack a person justifiably in defence of itself (ours once tried that when mother inadvertently stood on his ear, though thought better before applying jaw pressure); and a dog can justifiably attack a dog in defence of property.

```
function SubmitComplete()
could be shortened by an auxiliary
function Check(Field, valu, words) { var OK
if (OK = Field.value == valu) {
alert("Please enter " + words)
Field.focus() ; Field.select() }
return OK }
used repeatedly, except that the function and structure will need a
little adjustment to fit each other.
```

Then the parameters could be held in an Object, and you could iterate through an array of objects to be checked ... Did you see [URL: http://www.merlyn.demon.co.uk/js-valid.htm#VFF](http://www.merlyn.demon.co.uk/js-valid.htm#VFF) yet?

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(c) John Stockton, Surrey, UK. ?@merlyn.demon.co.uk Turnpike v6.05 IE 6
[news:comp.lang.javascript FAQ <URL: http://www.jibbering.com/faq/index.html>](http://www.jibbering.com/faq/index.html).
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