

Javascript isValid()

Posted At : May 28, 2008 12:09 PM | Posted By : Jon Hartmann

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I dunno about you, but I love the isValid() function in ColdFusion. Its just an amazing collection of usefulness that I use just about all the time. Recently though, I've found myself really wanting something equivalent for client-side validation, so I put together this bit of Javascript code:

```
function isValid (type, value) {
    var regex;

    switch (type.toLowerCase()) {
        case 'email':
            regex =
/^ ("([\w-\s]+)" | ([\w-]+(?:\.[\w-]+)*) | ("[\w-\s]+" | ([\w-]+(?:\.[\w-]+)*) ) {0,66}) \. ([a-z] {2,6} (?:\.[a-z] {2})? )$ | @\{ ( (25[0-5] \. |2[0-4] [0-9] \. |1[0-9] {2}) \. | [0-9] {1,2}) \. ) ( (25[0-5] |2[0-4] [0-9] |1[0-9] {2}) | (?: (0? (1-9) |1 [012]) (: (0-5) \d {0,2} (\ [A-P] M) ) | ([01] \d {2 [0-3] } (: (0-5) \d {1,2}) ?$ /;
            break;
        case 'telephone':
            regex =
/^ ((\+ \d {1,3} (- | ) ? \ ( ? \d \) ? (- | ) ? \d {1,5} ) | \ ( ? \d {2,6} \) ? ) (- | ) ? \d {3,4} ) (( \ x | ext) \d {1,5} ) {0,1} $ /;
            break;
        case 'date':
            regex =
/^ (?=\d) (?: (?: (?: (?: 0? [13578] |1 [02] ) (\ / | - | \ .) 31) \1 | (?: (?: 0? [1,3-9] |1 [0-2] ) (\ / | - | \ .) (?: 29 |30 |2) ) (?: (?: 1 [6-9] | [2-9] \d) ? \d {2} ) | (?: 0? 2 (\ / | - | \ .) 29 \3 (?: (?: 1 [6-9] | [2-9] \d) ? (?: 0 {48} | [2468] [048] | [13579] [26] ) | (?: (?: 16 | [2468] (?: \d) ) ? ( (0? (1-9) |1 [012] ) (: (0-5) \d {0,2} (\ [A-P] M) ) | ([01] \d {2 [0-3] } (: (0-5) \d {1,2}) ?$ /;
            break;
        case 'numeric':
            break;
        case 'number':
            regex =
/^ \d \. ? $ /;
            break;
        case 'integer':
            regex =
/^ \d + $ /;
            break;
        case 'zipcode':
            regex =
/^ \d {5} ( ([\ -] \d {4} ) ? $ /;
            break;
    }

    return value.match(regex);
}
```

Please note that I take no credit for the regular expressions used in this function. I collected them from various sources, and I would credit the original creator if I could find my list of where I got them.