

JavaScript: generate a product key

Generating a product key in JavaScript is a matter of creating random segments from a given string.

We can implement the following solution:

```
(function() {  
    function getRandomInt( min, max ) {  
        return Math.floor( Math.random() * ( max -  
min + 1 ) ) + min;  
    }  
  
    function generateProductKey() {  
        var tokens =  
"ABCDEFGHIIJKLMNOPQRSTUVWXYZ0123456789",  
        chars = 5,  
        segments = 4,  
        keyString = "";  
  
        for( var i = 0; i < segments; i++ ) {  
            var segment = "";  
  
            for( var j = 0; j < chars;  
j++ ) {  
                var k = getRandomInt( 0,  
35 );  
                segment += tokens[ k  
];  
            }  
  
            keyString += segment;  
        }  
    }  
})
```

```
                if( i < ( segments - 1 ) ) {  
                    keyString += "-";  
                }  
            }  
  
            return keyString;  
        }  
    }  
}));
```

Example:

```
console.log( generateProductKey() );  
  
// VVG0Z-L2H2M-9U3WF-CYBF2
```