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Generate GUID using JavaScript

Shantha Kumar T   Updated date May 21, 2020   195.1k   3   6

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Introduction

I had a requirement to generate the GUID type id using JavaScript. I started worked on that, in the mean while I came across some sites and they already have given some snippets to generate the GUID.

Here, I will give those compilations of those snippets.

Generate random unique id / GUID using Math.Random

Example 1:

```
01.  // http://slavik.meltser.info/the-efficient-way-to-create-guid-uuid-in-
     javascript-with-explanation/
02.  function CreateGuid() {
03.      function _p8(s) {
04.          var p = (Math.random().toString(16)+"000000000").substr(2,8);
05.          return s ? "-" + p.substr(0,4) + "-" + p.substr(4,4) : p ;
06.      }
07.      return _p8() + _p8(true) + _p8(true) + _p8();
08.  }
09.
10.  var guid = createGuid();
```

```
01.   // http://guid.us/GUID/JavaScript
02.
03.   function createGuid(){
04.      function S4() {
05.         return (((1+Math.random())*0x10000)|0).toString(16).substring(1);
06.      }
07.      return (S4() + S4() + "-" + S4() + "-4" + S4().substr(0,3) + "-
      " + S4() + "-" + S4() + S4() + S4()).toLowerCase();
08.   }
09.
10.   var guid = createGuid();
```

Example 3:

```
01.   // http://note19.com/2007/05/27/javascript-guid-generator/
02.
03.   function createGuid() {
04.      function s4() {
05.         return Math.floor((1 + Math.random()) * 0x10000).toString(16).substr:
06.      }
07.      return s4() + s4() + '-' + s4() + '-' + s4() + '-' + s4() + '-
      ' + s4() + s4() + s4();
08.   }
09.
10.   var guid = createguid();
```

Generate GUID using the Regular Expression

Example 4:

```
01.   //http://byronsalau.com/blog/how-to-create-a-guid-uuid-in-javascript/
02.
03.   function createGuid()
04.   {
05.      return 'xxxxxxxx-xxxx-4xxx-yxxx-
      xxxxxxxxxxxx'.replace(/[xy]/g, function(c) {
06.         var r = Math.random()*16|0, v = c === 'x' ? r : (r&0x3|0x8);
07.         return v.toString(16);
08.      });
09.   }
10.
11.   var guid = createGuid();
```

Generate GUID   Javascript

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Shantha Kumar T *TOP 100*

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| 80 | 2.5m | 5 |

| 6 | 3 |

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@Shantha kumar when i do same getting error is like Index:678 Uncaught ReferenceError: createguid is not defined

Priti Kumari   Jul 03, 2018

364   6.1k   4.6m   0   1   Reply

May I know, which example you have tried?

Shantha Kumar T   Jul 03, 2018

80   24.2k   2.5m   0

Great Post sir

Nilesh Jadav   Oct 02, 2015

88   23.2k   12.5m   0   0   Reply

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