Create transient JavaScript variable in an object

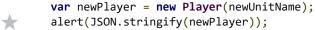
Asked 3 years, 3 months ago Active 3 years, 3 months ago Viewed 1k times



1



```
{
    this._name = name;
    this._id = "Player"+(Player_ID++);
};
```



function Player(name)

What I want to do is stop displaying the id value. Is there a way to make the id variable tranient. Please help

```
javascript oop
```

asked Apr 28 '16 at 7:29



2 Possible duplicate of json stringify: How to exclude certain fields from the json string – James Thorpe Apr 28 '16 at 7:34

2 Answers



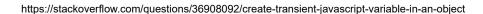
Every object has a method toJSON(), which is invoked when the object should be serialize using JSON.stringify().



From MDN article on JSON.stringify():



If an object being stringified has a property named tojson whose value is a function, then the tojson() method customizes JSON stringification behavior: instead of the object being serialized, the value returned by the tojson() method when called will be serialized



The following example creates a different serialization function, which will exclude the id:

```
var Player_ID = 0;
function Player(name) {
   this._name = name;
   this._id = "Player"+(Player_ID++);
   this.toJSON = function() {
     return {
        _name: this._name
     };
   };
};

var newPlayer = new Player('Name 1');
console.log(JSON.stringify(newPlayer)); // prints {"_name": 'Name 1'}
```

Check the working demo.

edited Apr 28 '16 at 7:47

answered Apr 28 '16 at 7:41



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If you don't need to enumerate over this property you can use <u>non-enumerable</u> properties:







edited Apr 28 '16 at 7:40

answered Apr 28 '16 at 7:36



How we can access console.log(newPlayer._id) ? — JagsSparrow Apr 28 '16 at 8:13