

CAPH.LANG

Lang is an object which provides various kinds of methods related to JavaScript language. Lang includes `isNumber`, `isBoolean`, `isFunction`, `isChildOf`, `isElement` and so on. Using `isNumber` method, a user can tell if the type of a variable is Number or not. Using `isBoolean` method, a user can tell if the type of a variable is Boolean or not. Using `isFunction` method, a user can tell if the type of a variable is Function or not. Using `isChildOf` method, a user can check whether matched element is a descendant of the specific parent element. Also, using `isHTMLElement` method, a user can check whether its arguments is a HTMLElement.

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Methods

isArray	
Description	
Checks whether its arguments is a array.	
Parameters	■value <ul style="list-style-type: none">- Object- The Object to be checked its type
Return	■Boolean <ul style="list-style-type: none">- true : if it is- false : otherwise.
Emulator Support	Y
SDK Constraint	none
Example	

```
function foo(a) {  
  if(caph.Lang.isArray(a)) {  
    doSomething(a);  
  }  
}
```

isBoolean

Description

Checks whether its arguments is a boolean.

Parameters	<div>■value</div> <ul style="list-style-type: none">- Object- The Object to be checked its type
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Return	<div>■Boolean</div> <ul style="list-style-type: none">- true : if it is- false : otherwise.
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Emulator Support	Y
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SDK Constraint	none
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Example

```
function foo(a) {  
  if(caph.Lang.isBoolean(a)) {  
    doSomething(a);  
  }  
}
```

isChildOf

Description

Checks whether matched element is a descendant of the specific parent element

Parameters	<div>■element</div> <ul style="list-style-type: none">- Object- The element to be checked as child element <div>■parent</div> <ul style="list-style-type: none">- Object- The element to be checked as parent element
------------	---

Return	<div>■Boolean</div> <ul style="list-style-type: none">- true : if it is- false : otherwise.
--------	--

Emulator Support	Y
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SDK Constraint	none
----------------	------

Example

```
function foo(a) {  
  if(caph.Lang.isChildOf(a, b)) {  
    doSomething(a);  
  }  
}
```

isHTMLElement

Description

Checks whether its arguments is a HTMLElement.

Parameters	<div>■value</div> <ul style="list-style-type: none">- Object- The Object to be checked its type
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Return	■Boolean <ul style="list-style-type: none"> - true : if it is - false : otherwise.
Emulator Support	Y
SDK Constraint	none
Example	
<pre>function foo(a) { if(caph.Lang.isHTMLElement(a)) { doSomething(a); } }</pre>	
isNull	
Description	
Checks whether its arguments is a null.	
Parameters	■value <ul style="list-style-type: none"> - Object - The Object to be checked its type
Return	■Boolean <ul style="list-style-type: none"> - true : if it is - false : otherwise.
Emulator Support	Y
SDK Constraint	none
Example	
<pre>function foo(a) { if(caph.Lang.isNull(a)) { doSomething(a); } }</pre>	
isNumber	
Description	
Checks whether its arguments is a number.	
Parameters	■value <ul style="list-style-type: none"> - Object - The Object to be checked its type
Return	■Boolean <ul style="list-style-type: none"> - true : if it is - false : otherwise.
Emulator Support	Y
SDK Constraint	none
Example	
<pre>function foo(a) { if(caph.Lang.isNumber(a)) { doSomething(a); } }</pre>	
isObject	
Description	

Checks whether its arguments is a object.	
Parameters	<div> <div>■value</div> <div> <div>- Object</div> <div>- The Object to be checked its type</div> </div> </div>
Return	<div> <div>■Boolean</div> <div> <div>- true : if it is</div> <div>- false : otherwise.</div> </div> </div>
Emulator Support	Y
SDK Constraint	none
Example	
<pre>function foo(a) { if(caph.Lang.isObject(a)) { doSomething(a); } }</pre>	
isPlainObject	
Description	
Checks whether its arguments is a plainObject.	
Parameters	<div> <div>■value</div> <div> <div>- Object</div> <div>- The Object to be checked its type</div> </div> </div>
Return	<div> <div>■Boolean</div> <div> <div>- true : if it is</div> <div>- false : otherwise.</div> </div> </div>
Emulator Support	Y
SDK Constraint	none
Example	
<pre>function foo(a) { if(caph.Lang.isPlainObject(a)) { doSomething(a); } }</pre>	
isRegularExpression	
Description	
Checks whether its arguments is a RegExp.	
Parameters	<div> <div>■value</div> <div> <div>- Object</div> <div>- The Object to be checked its type</div> </div> </div>
Return	<div> <div>■Boolean</div> <div> <div>- true : if it is</div> <div>- false : otherwise.</div> </div> </div>
Emulator Support	Y
SDK Constraint	none
Example	

```
function foo(a) {
  if(caph.Lang.isRegularExpression(a)) {
    doSomething(a);
  }
}
```

isString

Description

Checks whether its arguments is a string.

Parameters	value - Object - The Object to be checked its type
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Return	Boolean - true : if it is - false : otherwise.
--------	---

Emulator Support	Y
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SDK Constraint	none
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Example

```
function foo(a) {
  if(caph.Lang.isString(a)) {
    doSomething(a);
  }
}
```

isUndefined

Description

Checks whether its arguments is a undefined.

Parameters	value - Object - The Object to be checked its type
------------	---

Return	Boolean - true : if it is - false : otherwise.
--------	---

Emulator Support	Y
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SDK Constraint	none
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Example

```
function foo(a) {
  if(caph.Lang.isUndefined(a)) {
    doSomething(a);
  }
}
```

isFunction

Description

Checks whether its arguments is a function.

Parameters	value - Object - The Object to be checked its type
------------	---

Return	Boolean - true : if it is - false : otherwise.
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Emulator Support	Y
SDK Constraint	none
Example	
<pre>var myWidget = new MyWidget(); if(caph.Lang.isFunction(myWidget.doSomething)){ myWidget.doSomething("hello") } }</pre>	
camelCase	
Description	
Returns the input applied camelcase naming convention	
Parameters	<ul style="list-style-type: none"> ■input <ul style="list-style-type: none"> - String - The input to be applied camelcase
Return	<ul style="list-style-type: none"> ■String <ul style="list-style-type: none"> - camelCase String
Emulator Support	Y
SDK Constraint	none
Example	
<pre>var str = 'hello-world'; var output = caph.Lang.camelCase(str); console.log(output); // Displays 'helloWorld'</pre>	