



**LEARNING &
DEVELOPMENT**

VUE DRY

#1 FILTERS



1 What is filters

2 How to connect

3 How to use



FILTERS

Vue.js allows you to define filters that can be used to apply common text formatting.

```
1 <template>
2   <h3>{{ msg | capitalize }}</h3>
3 </template>
4
5 <script>
6 export default {
7   name: "BaseTitle",
8   props: {
9     msg: String,
10  },
11
12  filters: {
13    capitalize: function (value) {
14      if (!value) return "";
15      value = value.toString();
16      return value.charAt(0).toUpperCase() + value.slice(1);
17    },
18  },
19 };
20 </script>
```

CONNECTION

You can define local filters in a component's options:

```
6  export default {
7    name: "BaseTitle",
8    props: {
9      msg: String,
10   },
11
12   filters: {
13     capitalize: function (value) {
14       if (!value) return "";
15       value = value.toString();
16       return value.charAt(0).toUpperCase() + value.slice(1);
17     },
18   },
19 };|
```

GLOBAL CONNECTION

or define a filter globally before creating the Vue instance:

```
6  Vue.filter('capitalize', function (value) {  
7    if (!value) return ''  
8    value = value.toString()  
9    return value.charAt(0).toUpperCase() + value.slice(1)  
10 })  
11  
12 new Vue({  
13   // ...  
14 })
```

USAGE

Filters can be chained:

```
1  <template>  
2     <h2>{{ message | filterA | filterB }}</h2>  
3 </template>
```

USAGE

Filters are JavaScript functions, therefore they can take arguments:

```
1 <template>
2   <h2>{{ digit | toFixed(2) | addSuffix("$") }}</h2>
3 </template>
4
5 <script>
6 export default {
7   name: "Currency",
8   props: {
9     digit: String,
10  },
11
12  filters: {
13    toFixed: function (value, digit) {
14      return value.toFixed(value, digit);
15    },
16
17    addSuffix: function (value, suffix) {
18      return value + suffix;
19    },
20  },
21 };
22 </script>
```

VUE 3

In Vue3, filters will be removed, instead we can implement them via methods or computed properties

```
1 <template>
2   <h2>{{ addSuffix(fixed, "$") }}</h2>
3 </template>
4
5 <script>
6   import { toFixed } from "~/utils";
7
8   export default {
9     name: "Currency",
10    props: {
11      digit: String,
12    },
13
14    computed: {
15      fixed() {
16        return toFixed(this.digit, 2);
17      },
18    },
19
20    methods: {
21      addSuffix: function (value, suffix) {
22        return value + suffix;
23      },
24    },
25  };
26 </script>
```