

## 提高覆盖率报告

### All files

96.55% Statements 28/29  
100% Branches 0/0  
90% Functions 9/10  
96.55% Lines 28/29

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

File	Statements	Branches	Functions	Lines
<a href="#">src</a>	100% 4/4	100% 0/0	100% 1/1	100% 4/4
<a href="#">src/plugins/ToastPlugin</a>	100% 4/4	100% 0/0	100% 2/2	100% 4/4
<a href="#">src/router</a>	100% 10/10	100% 0/0	100% 3/3	100% 10/10
<a href="#">src/store</a>	100% 1/1	100% 0/0	100% 0/0	100% 1/1
<a href="#">src/store/modules</a>	85.71% 6/7	100% 0/0	75% 3/4	85.71% 6/7
<a href="#">src/utils</a>	100% 3/3	100% 0/0	100% 0/0	100% 3/3

Code coverage generated by [istanbul](#) at Wed Aug 05 2020 23:30:10 GMT+0800 (China Standard Time)

测试代码覆盖率，发现 `src/store/modules` 中有语句和函数未执行，我们可以采用忽略或去掉不需计算覆盖率代码的方法提高代码覆盖率。

查看详细覆盖率报告如下：

## All files / src/store/modules user.ts

85.71% Statements 6/7  
100% Branches 0/0  
75% Functions 3/4  
85.71% Lines 6/7

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

```
1 import { Module } from 'vuex';
2 5x import httpClient from '@utils/httpClient';
3
4 5x export interface UserState {
5     userProf: UserProfile | null;
6     isSignedIn: boolean;
7 }
8
9 export const userModule: Module<UserState, any> = {
10     namespaced: true,
11     state: () => ({
12         userProf: null,
13         isSignedIn: false,
14     }),
15 2x getters: {
16 2x     isSignedIn(state) {
17         return state.isSignedIn;
18     },
19 },
20 mutations: {
21 7x     setProfile(state, payload: UserProfile) {
22 2x         state.userProf = payload;
23         state.isSignedIn = !!payload;
24     },
25 },
26 actions: {
27     async fetchProfile({ commit }) {
28         const res = await httpClient.get<UserProfile>('/user');
29         commit('setProfile', res.data);
30     },
31 },
32 };
33
```

Code coverage generated by [istanbul](#) at Wed Aug 05 2020 23:30:10 GMT+0800 (China Standard Time)

可以看到未被执行的函数就是：

```
actions: {
  async fetchProfile({ commit }) {
    const res = await httpClient.get<UserProfile>('/user');
    commit('setProfile', res.data);
  },
}
```

去掉 actions 再测试覆盖率，如图

All files

75% Statements

18/24

100% Branches

0/0

55.56% Functions

5/9

75% Lines

18/24

Press *n* or *j* to go to the next uncovered block, *b*, *p* or *k* for the previous block.

File		Statements		Branches		Functions		Lines	
src	<div></div>	100%	4/4	100%	0/0	100%	1/1	100%	4/4
src/plugins/ToastPlugin	<div></div>	100%	4/4	100%	0/0	100%	2/2	100%	4/4
src/router	<div></div>	70%	7/10	100%	0/0	33.33%	1/3	70%	7/10
src/store	<div></div>	100%	1/1	100%	0/0	100%	0/0	100%	1/1
src/store/modules	<div></div>	40%	2/5	100%	0/0	33.33%	1/3	40%	2/5

DOE实验结果

提高覆盖率方法/覆盖率	忽略不需计算覆盖率代码	去掉不需计算覆盖率代码
Statement coverage	100%	100%
Branch coverage	100%	70%
Function coverage	100%	100%
Line coverage	100%	40%