

Using Vuex Map Helpers



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Using mapState

```
export default {  
  computed: {  
    catalog() {  
      return this.$store.getters.catalog;  
    },  
    departments() {  
      return this.$store.getters.departments;  
    },  
    sizes() {  
      return this.$store.getters.sizes;  
    },  
  },  
}
```

```
import { mapState } from 'vuex';  
  
export default {  
  computed: {  
    ...mapState(['catalog',  
                 'departments',  
                 'sizes']),  
  },  
}
```



Using mapState

Namespaced Modules

```
import { mapState } from 'vuex';

export default {
  computed: {
    ...mapState(['products', [departments, department]), 'sizes']),
  }
}
```



Using mapState

Non-Namespaced Modules

```
import { mapState } from 'vuex';

export default {
  computed: {
    ...mapState({
      catalog: state => state.products.catalog
      departments: state => state.products.departments
      sizes: state => state.products.sizes
    }),
  }
}
```




Using mapGetters

```
export default {
  computed: {
    freeItems() {
      return this.$store.getters.freeItems;
    },
    saleItems() {
      return this.$store.getters.saleItems;
    },
    allItems() {
      return this.$store.getters.allItems;
    },
  }
}
```

```
import { mapGetters } from 'vuex';

export default {
  computed: {
    ...mapGetters(['freeItems',
                  'saleItems',
                  'allItems']),
  }
}
```



Using mapGetters

Non-Namespaced Modules

```
import { mapGetters } from 'vuex';

export default {
  computed: {
    ...mapGetters(['freeItems', 'saleItems', 'allItems']);
  }
}
```




Using mapGetters

Namespaced Modules

```
import { mapGetters } from 'vuex';


export default {
  computed: {
    ...mapGetters(['products', 'freeItems', 'saleItems', 'allItems']),
  }
}
```



Using mapMutations

```
export default {  
  methods: {  
    setUser() {  
      this.$store.commit('setUser', {...});  
    },  
    clearUser() {  
      this.$store.commit('clearUser');  
    },  
    clearCart() {  
      this.$store.commit('clearCart');  
    },  
  }  
}
```

```
import { mapMutations } from 'vuex';  
  
export default {  
  methods: {  
    ...mapMutations(['setUser',  
                    'clearUser',  
                    'clearCart']),  
  }  
}
```



Using mapMutations

```
import { mapMutations } from 'vuex';

export default {
  methods: {
    ...mapMutations(['setUser', 'clearUser', 'clearCart']);
    signOut() {
      this.clearUser('some value'),
    }
  }
}
```



Using mapMutations

Non-Namespaced Modules

```
import { mapMutations } from 'vuex';

export default {
  methods: {
    ...mapMutations(['setUser', 'clearUser', 'clearCart']),
    signOut() {
      this.clearUser();
    }
  }
}
```



Using mapMutations

Namespaced Modules

```
import { mapMutations } from 'vuex';

export default {
  methods: {
    ...mapMutations(['setUser', 'setUser', 'clearUser', 'clearCart', 'clearCart']),
    signOut() {
      this.clearUser(),
    }
  }
}
```



Using mapActions

```
export default {
  methods: {
    register() {
      this.$store.dispatch('register', {...});
    },
    signIn() {
      this.$store.dispatch('signIn');
    },
    signOut() {
      this.$store.dispatch('signOut');
    },
  }
}
```

```
import { mapActions } from 'vuex';

export default {
  methods: {
    ...mapActions(['register',
                  'signIn',
                  'signOut']),
  }
}
```



Using mapActions

```
import { mapActions } from 'vuex';

export default {
  methods: {
    ...mapActions(['register', 'signIn', 'signOut']),
    registerUser() {
      this.register({ ... })
        .then(...);
    }
  }
}
```



Using mapActions

Non-Namespaced Modules

```
import { mapActions } from 'vuex';

export default {
  methods: {
    ...mapActions(['register', 'signIn', 'signOut']),
    registerUser() {
      this.register({ ... })
        .then(...);
    }
  }
}
```




Using mapActions

Namespaced Modules

```
import { mapActions } from 'vuex';

export default {
  methods: {
    ...mapActions(['register', 'signIn', 'signOut']),
    registerUser() {
      this.register({ ... })
        .then(...);
    }
  }
}
```



Summary



mapState()

mapGetters()

mapMutations()

mapActions()

