

## 16-3 个人中心和退出登录交互实现

改造 store/index.js，增加请求个人信息和更新存储容量、退出登录的方法

```
import { createStore } from 'vuex'

import $H from '/common/request.js'

const store = createStore({
  state: {
    username: 'zhangsan',
    user: null,
    token: null,
  },
  actions: {
    logout({ state }) {
      $H.post('/logout', {}, {
        token: true
      })
      state.user = null
      state.token = null
      uni.removeStorageSync('user')
      uni.removeStorageSync('token')

      uni.reLaunch({
        url: '/pages/login/login'
      })
    },
    login({ state }, user) {
      state.user = user
      state.token = user.token

      uni.setStorageSync('user', JSON.stringify(user))
      uni.setStorageSync('token', user.token)
    },
    unitUser({ state }) {
      let user = uni.getStorageSync('user')
      if (user) {
        state.user = JSON.parse(user)
        state.token = state.user.token
      }
    },
    updateSize({ state }, e) {
      state.user.total_size = e.total_size
      state.user.used_size = e.used_size
    }
  }
})

export default store
```

App.vue，在应用启动的时候去初始化用户信息

## App.vue

```
1 <script>
2   import $H from './common/request.js';
3   import store from './store'
4
5   export default {
6     onLaunch: function() {
7       console.log('App Launch')
8       // 初始化用户信息
9       store.dispatch('unitUser')
10    },
11    onShow: function() {
12      console.log('App Show')
13    },
14    onHide: function() {
15      console.log('App Hide')
16    }
17  }
18 </script>
```

my.vue 个人中心页面改造，换掉所有页面静态数据

```
<script setup>
  import { onShow } from "@dcloudio/uni-app";

  import { useStore } from 'vuex';

  import $H from './common/request.js'

  import { ref, computed } from "vue";

  const store = useStore();

  const user = ref(store.state.user)

  onShow(() => {
    // 每次进入页面，都要获取用户的空间大小
    getSize();
  })

  // percent 计算属性用来实时显示用户空间使用率
  const percent = computed(() => {
    if (user.value.total_size === 0) {
      return 0;
    }
    return (user.value.used_size / user.value.total_size) * 100;
  })

  // 请求接口，获得最新的空间大小，并通过 dispatch 提交给 Vuex 更新
  const getSize = () => {
    $H.get('/getSize', {
      token: true
    }).then(res => {
      store.dispatch('updateSize', res);
    });
  };
}

// 将字节转换为 KB、MB 这样的容量显示
```

```

const bytesToSize = (bytes) => {
  if (bytes === 0) return '0 KB';
  let k = 1024,
      sizes = ['KB', 'MB', 'GB', 'TB', 'PB', 'EB', 'ZB', 'YB'],
      i = Math.floor(Math.log(bytes) / Math.log(k));
  return (bytes / Math.pow(k, i)).toPrecision(3) + ' ' + sizes[i];
}

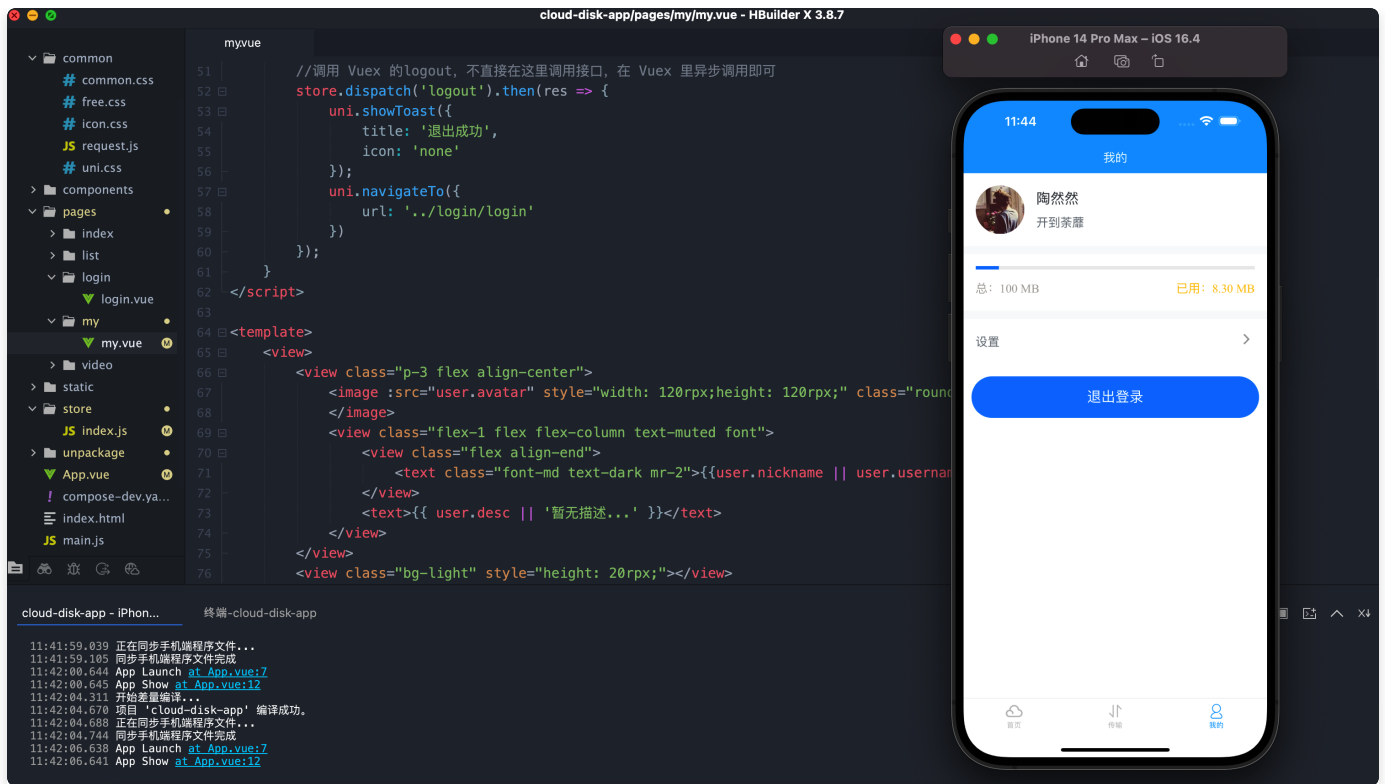
const logout = () => {
  //调用 Vuex 的logout, 不直接在这里调用接口, 在 Vuex 里异步调用即可
  store.dispatch('logout').then(res => {
    uni.showToast({
      title: '退出成功',
      icon: 'none'
    });
    uni.navigateTo({
      url: '../login/login'
    })
  });
}
}
</script>

<template>
  <view>
    <view class="p-3 flex align-center">
      <image :src="user.avatar" style="width: 120rpx;height: 120rpx;" class="rounded-circle flex-shrink mr-3">
      </image>
      <view class="flex-1 flex flex-column text-muted font">
        <view class="flex align-end">
          <text class="font-md text-dark mr-2">{{user.nickname || user.username }}</text>
        </view>
        <text>{{ user.desc || '暂无描述...' }}</text>
      </view>
    </view>
    <view class="bg-light" style="height: 20rpx;"></view>
    <view class="p-3">
      <!-- 改用计算属性, 绑定属性 -->
      <progress class="mb-2" :percent="percent" active stroke-width="5" />

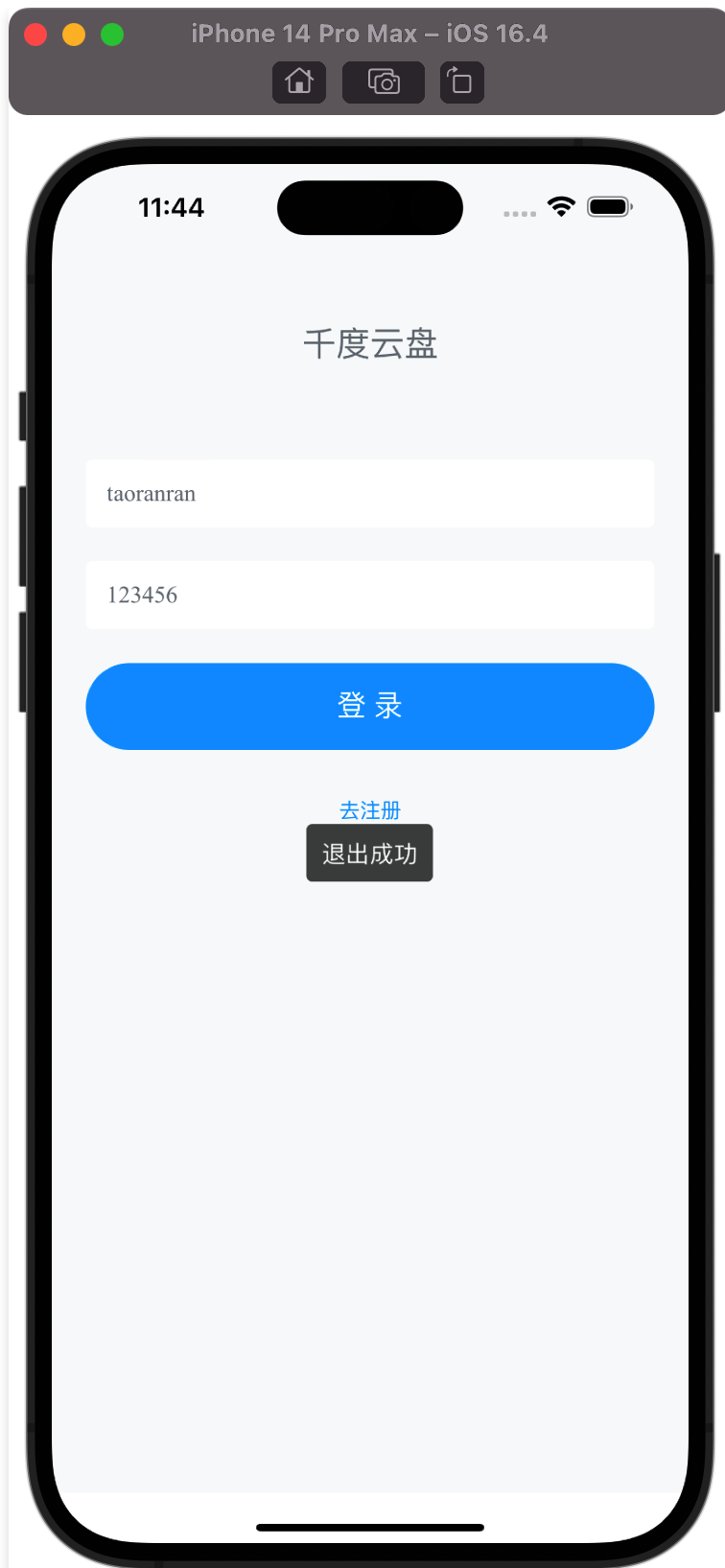
      <view class="flex align-center justify-between font">
        <text class="text-light-muted">总: {{ bytesToSize(user.total_size) }}</text>
        <text class="text-warning">已用: {{ bytesToSize(user.used_size) }}</text>
      </view>
    </view>
    <view class="bg-light" style="height: 20rpx;"></view>
    <view class="flex justify-between p-3">
      <text class="text-muted font">设置</text>
      <image src="/static/arrow-right.png" mode="" style="width:40rpx;height: 40rpx;"></image>
    </view>
    <view class="mx-2 my-3 bg-primary text-white flex align-center justify-center font-md py-2 rounded-circle"
      hover-class="bg-main-hover" @click="logout">
      退出登录
    </view>
  </view>
</template>

```

可以把数据表中，用户表的总容量改小点，不然个人中心页面，百分比进度条可能会几乎看不到。



退出登录



```
commit 2c4c4ebdb5bfd3b5e371fc33f308d92b315c8a96 (HEAD -> main)
Author: mxu <moqi1977@gmail.com>
Date: Sun Jul 9 11:45:38 2023 +0800
```

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