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```
var app = new Vue({
    el:'#app',
    data: {
        content':'',
        results':'',
        api_name':'tmt',//□□□□
        default_api_name':'',
        is_click':{
            baidu':false,
            youdao':false,
            sogou':false,
            tmt':true,
            caiyun':false
        },
        api_list':{
            baidu':'□□□□',
            youdao':'□□□□',
            caiyun':'□□□□',
            sogou':'□□□□',
            tmt':'□□□□
        },
        from:'auto',//□□□
        to:'',//□□□□
        is_load:false,//□□□□□□□□□□□□□
        is_active:'',//□□□□□□□□□□
        baidu:{
            api_url:'https://fanyi-api.baidu.com/api/trans/vip/translate',
            appid:'',
            secret_key:''
        },
        youdao:{
            api_url:'https://openapi.youdao.com/api',
            appid:'',
            secret_key:''
```

```
  },
  caiyun: {
    api_url:'https://api.interpreter.caiyunai.com/v1/translator',
    appid:'',
    secret_key:''
  },
  sogou: {

  },
  tmt: {
    api_url:'https://bm.rss.ink/v1/tmt',
    appid:'',
    secret_key:''
  }, //
  err_msg: {
    'content':'',
    'status':false
  }, //
  suc_msg: {
    'content':'',
    'status':false
  }, //
  g_msg: {
    'content':'',
    'status':'',
    'is_type':''
  }
},
methods: {
  //百度翻译
  baidu_func: function(){
    console.log('');
    this.check_api('baidu');
    var appid = this.baidu.appid;
    var key = this.baidu.secret_key;
    var salt = (new Date).getTime();
    var query = this.content.trim();
    // 多个query可以用\n连接  如 query='apple\norange\nbanana\npear'
    var from = document.getElementById("from").value;
    //
    var to = get_to_lang(this.content);
```

```javascript
      var str1 = appid + query + salt + key;
      var sign = MD5(str1);

      const params = new URLSearchParams();
      params.append('q', query);
      params.append('appid', appid);
      params.append('salt', salt);
      params.append('from', from);
      params.append('to', to);
      params.append('sign', sign);


      axios
      .post(this.baidu.api_url,params)
      .then(
        response => (
          deal_baidu_results(response.data)

        )
      )
      .catch(function (error) { // 请求失败处理
        console.log(error);
      });
    },
    // 有道翻译
    youdao_func: function(){
      this.check_api('youdao');
      var appKey = this.youdao.appid;
      var key = this.youdao.secret_key; //appSecret
      var salt = (new Date).getTime();
      var curtime = Math.round(new Date().getTime()/1000);
      var query = this.content;
      // 注query\n query='apple\norange\nbanana\npear'
      var from = 'auto';
      var to = get_to_lang(this.content);
      var str1 = appKey + truncate(query) + salt + curtime + key;


      var sign = CryptoJS.SHA256(str1).toString(CryptoJS.enc.Hex);

      const params = new URLSearchParams();
      params.append('q', query);
```

```javascript
    params.append('appKey', appKey);
    params.append('salt', salt);
    params.append('from', from);
    params.append('to', to);
    params.append('sign', sign);
    params.append('signType', 'v3');
    params.append('curtime', curtime);

    axios
    .post(this.youdao.api_url,params)
    .then(
      response => (
        deal_youdao_results(response.data)
      )
    )
    .catch(function (error) { // 请求失败处理
      console.log(error);
    });
  },
  sogou_func: function(){
    this.is_load = false;
    console.log('');
  }, //
  caiyun_func: function(){
    this.check_api('caiyun');
    var token = "token " + this.caiyun.secret_key;
    //
    var source = this.content.split("\n");
    //
    var trans_type = this.from + '2' + get_to_lang(source);
    console.log(trans_type);
    var request_id = "demo";
    var detect = true;
    //this.is_load = false;

    //
    axios.post(this.caiyun.api_url,{
      "source":source,
      "trans_type":trans_type,
      "request_id":request_id,
      "detect":detect
```

```
    },{
      headers: {
        'Content-Type': 'application/json',
        'x-authorization':token
      }
    })
    .then(
      response => (
        deal_caiyun_results(response.data)
      )
    )
    .catch(function (error) { // 请求失败处理
      app.is_load = false;
      app.err_msg.content = error;
      this.is_load = false;
      app.err_msg.status = true;
      //
      window.setTimeout(function(){
        app.err_msg.status = false;
      },3000);

      return false;
    });
  }
  , //腾讯翻译接口
  tmt_func:function(){
    var SourceText = this.content;
    var Source = this.from;
    var Target = get_to_lang(SourceText);
    const params = new URLSearchParams();
    params.append('SourceText', SourceText);
    params.append('Source', Source);
    params.append('Target', Target);

    //
    axios.post(this.tmt.api_url,params)
    .then(
      response => (
        deal_tmt_results(response.data)
      )
    )
```

```javascript
        }.catch(function (error) { // 
            app.is_load = false;
            app.err_msg.content = error;
            this.is_load = false;
            app.err_msg.status = true;
            // 
            window.setTimeout(function(){
                app.err_msg.status = false;
            }, 3000);
            return false;
        });
    },
    // , 
    switch_lang: function(source){

        // 
        if( source == 'from' ) {
            var from = document.getElementById(source).value;
            this.from = from;
        }
        else if( source == 'to' ) {
            var to = document.getElementById(source).value;
            this.to = to;
        }
        // 
        // 
        this.is_load = true;
        this.run_translation();

    },
    // 
    choose_api: function(api_name){
        switch (api_name) {
            case 'baidu':
                this.api_name = 'baidu';
                console.log(this.api_name);
                //this.baidu_func();
                break;
            case 'youdao':
                this.api_name = 'youdao';
                console.log(this.api_name);
```

```javascript
                //this.youdao_func();
                break;
            case 'sogou':
                this.api_name = 'sogou';
                console.log( this.api_name );
                break;
            case 'tmt':
                this.api_name = 'tmt';
                console.log( this.api_name );
                break;
            case 'caiyun':
                this.api_name = 'caiyun';
                console.log( this.api_name );
                break;
            default:
                this.api_name = 'baidu';
                console.log( this.api_name );
                break;
        }
    },
    //□□□□□
    run_translation: function(){
        console.log( '□□□□□□' );
        console.log( this.api_name );
        //□□□□□□□□□□□□□
        if( this.content == '' ){
            console.log( '□□□□□□□□□' );
            //□□□□□□
            this.is_load = false;
            return false;
        }
        switch ( this.api_name ) {
            case 'baidu':
                //console.log( '□□□□□□' );
                //this.test();
                this.baidu_func();
                //console.log( '□□□□□□' );
                break;
            case 'youdao':
                this.youdao_func();
                //console.log( '□□□□□□' );
```

```javascript
                break;
            case 'sogou':
                this.sogou_func();
                global_msg('已切换到搜狗');
                //console.log('已切换到搜狗');
                break;
            case 'tmt':
                this.tmt_func();
                //global_msg('');
                //console.log('');
                break;
            case 'caiyun':
                this.caiyun_func();
                //global_msg('');
                //console.log('');
                break;
            default:
                this.baidu_func();
                break;
        }
    }, //
    auto_run: function(){
        document.getElementById("from_content").blur();
        this.is_load = true;
        this.run_translation();
        utools.removeSubInput();
    },
    //
    switch_api: function(api_name){
        this.is_load = true;
        //
        this.choose_api(api_name);
        //
        //false
        for(let key in this.is_click){
            this.is_click[key] = false;
        }
        //
        this.is_click[api_name] = true;
        //
        this.run_translation();
```

```javascript
    }, //□□□□□□□
    setting: function(){


      //□□□□□□□□□□□
      this.is_active = 'is-active';
    },
    //□□□□□□
    close_window: function(){
      this.is_active = '';


    }, //□□□□□
    save_setting: function(api){
      switch (api) {
        case 'baidu':
          u_set('bm_baidu_appid', deal_str(this.baidu.appid));
          u_set('bm_baidu_secret_key', deal_str(this.baidu.secret_key));
          global_msg('□□□□');
          console.log(this.baidu.appid);
          console.log('□□□□□□□');
          break;
        case 'youdao':
          u_set('bm_youdao_appid', deal_str(this.youdao.appid));
          u_set('bm_youdao_secret_key', deal_str(this.youdao.secret_key));
          global_msg('□□□□');
          console.log('□□□□□□□');
          break;
        case 'caiyun':
          u_set('bm_caiyun_secret_key', deal_str(this.caiyun.secret_key));
          global_msg('□□□□');
          console.log('□□□□□□□');
          break;
        case 'api_name':
          u_set('bm_default_api_name', document.getElementById('api_name').value);
          this.default_api_name = u_get('bm_default_api_name');
          global_msg('□□□□□□□□□');
          console.log('□□□□□□□□□');
          break;
        default:
          break;
      }
```

```javascript
        console.log('□□□');
    }, //□□□□□
    init: function(){
        //□□□□API□□
        this.baidu.appid = u_get('bm_baidu_appid');
        this.baidu.secret_key = u_get('bm_baidu_secret_key');
        //□□□□API□□
        this.youdao.appid = u_get('bm_youdao_appid');
        this.youdao.secret_key = u_get('bm_youdao_secret_key');
        //□□□□□API□□
        this.caiyun.secret_key = u_get('bm_caiyun_secret_key');

        //□□□□□□
        if( u_get('bm_default_api_name') != null ){
            var api_name = u_get('bm_default_api_name');
            this.api_name = u_get('bm_default_api_name');
            //□□□□□□□□□□□false
            for(let key in this.is_click){
                this.is_click[key] = false;
            }
            //□□□□□□□□□□□□□
            this.is_click[api_name] = true;
            //□□□□□□□□□□
            this.default_api_name = u_get('bm_default_api_name');

        }
        else{
            this.default_api_name = 'tmt';

        }

        console.log('□□□□□□□□');
    }, //□□url
    open_url: function(url){
        utools.shellOpenExternal(url);
    }, //□□□□□□□
    clear_result: function(){
        if( this.content == '' ){
            this.results = '';
        }
```

```
	}, //□□□□□□□
	check_api: function( api_name ){
		switch ( api_name ) {
			case 'baidu':
				if( this.baidu.secret_key == '' ){
					global_msg('□□□□□API□□□,'is-danger');
					return false;
				}
				break;
			case 'youdao':
				if( this.youdao.secret_key == '' ){
					global_msg('□□□□□API□□□,'is-danger');
					return false;
				}
				break;
			case 'caiyun':
				if( this.caiyun.secret_key == '' ){
					global_msg('□□□□□□API□□□,'is-danger');
					return false;
				}
				break;
			default:
				break;
		}
	}, //□□□□
	clear_content: function(){
		this.content = '';
		this.results = '';
		console.log('□□□□□□□');
	}
}


});


function get_to_lang(content){
	//□□□□□□□
	var to = document.getElementById("to").value;
	//□□□□□□□□auto□□□□□□□
	if( to != 'auto' ) {
		return to;
	}
```

```javascript
    var pattern = new RegExp("[\u4E00-\u9FA5]+");
    var pattern2 = new RegExp("[A-Za-z]+");
    //□□□□□□□□□
    if(pattern.test(content)){
        return 'en';
    }
    else if(pattern2.test(content)){
        return 'zh';
    }
}


//□□□□□□□□□□
function deal_baidu_results(results){
    console.log('□□□□□□□□□');
    //□□□□□
    app.is_load = false;
    console.log(results);
    if( results.error_code > 0 ) {
        console.log('□□□□□□□□□□');
        app.err_msg.content = results.error_msg;
        app.err_msg.status = true;
        //□□□□□□□□
        window.setTimeout(function(){
            app.err_msg.status = false;
        },3000);
        return false;
    }
    else{
        results = results.trans_result;
        var content = '';
        for(i = 0;i < results.length;i++) {
            content += results[i].dst + "\n\n";
        }
        app.results = content;
    }
}
//□□□□□□□□□□□
function deal_youdao_results(results){
    console.log('□□□□□□');
    //□□□□□
    app.is_load = false;
```

```
    // □□□□□
    console.log(results);
    // □□□□□
    if( results.errorCode > 0 ) {
    switch (results.errorCode) {
        case '101':
            error_msg = '□□□□□□';
            break;
        case '102':
            error_msg = '□□□□□□□';
            break;
        case '103':
            error_msg = '□□□□□';
            break;
        case '104':
            error_msg = '□□□API□□';
            break;
        case '105':
            error_msg = '□□□□□□□';
            break;
        case '106':
            error_msg = '□□□□□□□';
            break;
        case '107':
            error_msg = '□□□□□□□□□';
            break;
        case '108':
            error_msg = '□□ID□□';
            break;
        case '109':
            error_msg = 'batchLog□□□□';
            break;
        case '109':
            error_msg = 'batchLog□□□□';
            break;
        case '111':
            error_msg = '□□□□□□';
            break;
        case '112':
            error_msg = '□□□□□';
            break;
```

```javascript
      case '113':
        error_msg = 'q□□□□!';
        break;
      default:
        error_msg = '□□□□!';
        break;
    }
    console.log('□□□□□□□□□');
    app.err_msg.content = error_msg;
    app.err_msg.status = true;
    //□□□□□□□□
    window.setTimeout(function(){
      app.err_msg.status = false;
    },3000);
    return false;
  }
  else{
    results = results.translation;
    var content = '';
    for(i = 0;i < results.length;i++) {
      content += results[i] + "\n";
    }
    app.results = content;
  }
}

//□□□□□□□□□□□□
function deal_caiyun_results(results){
  console.log('□□□□□□□□□');
  //□□□□□□
  app.is_load = false;
  console.log(results);
  if( results.target == '' ) {
    console.log('□□□□□□□□□□');
    app.err_msg.content = results.error_msg;
    app.err_msg.status = true;
    //□□□□□□□□
    window.setTimeout(function(){
      app.err_msg.status = false;
    },3000);
    return false;
```

```javascript
  □}
 □else{
 □□results = results.target;
 □□var content = '';
 □□for(i = 0;i < results.length;i++) {
 □□□content += results[i] + "\n";
 □□}
 □□app.results = content;
 □}
}
//□□□□□□□□
function deal_tmt_results(results){
 □console.log('□□□□□□□□');
 □//□□□□□□
 □app.is_load = false;
 □console.log('□□□□' + results.TargetText);
 □//□□□□□□
 □if( results.TargetText == undefined ){
 □□app.err_msg.content = results.Response.Error.Message;
 □□app.err_msg.status = true;
 □□//□□□□□□□□
 □□window.setTimeout(function(){
 □□□app.err_msg.status = false;
 □□},3000);
 □}
 □else{
 □□app.results = results.TargetText;
 □}

}

//□□□□□□□□□□□□
function truncate(q){
    var len = q.length;
    if(len<=20) return q;
    return q.substring(0, 10) + len + q.substring(len-10, len);
}

//□□utools□□□□□□
function u_get(key){
 □var result = utools.db.get(key);
```

```
    if( result == null ){
        return null;
    }
    else{
        return utools.db.get(key).data;
    }
}
function u_set(key, value){
    //
    var result = utools.db.get(key);
    if( result == null ){
        utools.db.put({
            _id: key,
            data: value
        });
    }
    else{
        utools.db.put({
            _id: key,
            data: value,
            _rev: result._rev
        });
    }
}

//
function global_msg(content, is_color = 'is-success'){
    if( is_color == null ) {
        app.g_msg.is_type = 'is-success';
    }
    else{
        app.g_msg.is_type = is_color;
    }
    //global_msg('dfdsf','is-message')this.g_msg.is_type = (is_type == null) ? 'is-success' : 'is-
danger';
    app.g_msg.content = content;
    app.g_msg.status = true;
    window.setTimeout(function(){
        app.g_msg.status = false;
    },3000);
}
```

```javascript
//▢▢▢
//▢▢▢
function copy_result(str_type){
    var copy = new clipBoard('', {
        beforeCopy: function() {
            //var content = app.results;
        },
        copy: function() {
▢▢▢if( str_type == 'content' ){
▢▢▢▢global_msg(' ▢▢▢▢▢ );
▢▢▢▢return app.content;
▢▢▢}
▢▢else if( str_type == 'results' ){
▢▢▢▢global_msg(' ▢▢▢▢▢ );
▢▢▢▢return app.results;
▢▢▢}
        },
        afterCopy: function() {


        }
    });
}


//▢▢▢▢▢
function deal_str(str){
▢//▢▢▢▢▢
▢var result = str.trim();
▢return result;
}
//▢▢▢▢▢▢▢▢▢▢▢▢
function check_str(str){
▢console.log('zifuchuan:' + str.length);
▢if ( str.length == 0 ) {
▢▢global_msg(' ▢▢▢▢▢ ,'is-danger');
▢▢console.log(' ▢▢▢▢ );
▢▢return false;
▢}
▢else if( str.length < 8) {
▢▢global_msg(' ▢▢▢▢▢▢ ,'is-danger');
▢▢return false;
```

```
    }
}
```