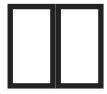


API

- A single blue rectangle with a vertical line through it.
- Four blue rectangles arranged horizontally.
- Six blue rectangles arranged horizontally.
- Eight blue rectangles arranged horizontally.



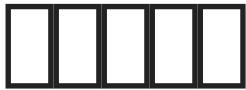
uTools API



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- Blog <https://www.xiaoz.me/>
 - QQ 337003006



uTools

uTools 是一个开源的跨平台工具箱，旨在帮助用户提高工作效率。

The screenshot shows the uTools interface with the '插件市场' tab selected. A search bar at the top contains the text '北冥翻译'. Below it, there are two sidebar categories: '探索' (Explore) and '生产效率' (Productivity). The main area displays a search result for '北冥翻译', featuring a blue icon with '中' and 'A', the name '北冥翻译', a brief description about the plugin's inspiration from 'North冥' in Jin庸's novels, and a rating of '评分不足 ★★★★★'.

API

API 是一种软件接口，允许不同应用之间进行数据交换。uTools 提供了多种 API，包括但不限于：

API

- <https://api.fanyi.baidu.com/>

APP ID



总览

开发者信息

开发者中心

申请信息

APP ID: 20170629*****

密钥: d*****

API

正在加载 - 正在加载

← → ⌂ 🔒 ai.youdao.com/console/#/service-singleton/text-translation

有道智云 控制台



业务指南

自然语言翻译服务

文本翻译

图片翻译

语音翻译

实时语音翻译

文档翻译 (开发版)

文本翻译 自然语言翻译服务 / 文本翻译

应用概览 >

已开通本服务的应用

AI翻译

文本翻译

应用ID: ****



应用秘钥: ****



未开通本服务的应用

API

正在加载

The screenshot shows the Aiyun Open Platform dashboard. The top navigation bar includes the logo and name '彩云科技开放平台'. On the left, a sidebar lists '我的账户', '我的令牌' (selected), '令牌列表' (selected), '翻译令牌', and 'API 文档'. The main content area is titled '令牌列表' and displays a table with columns: 应用名 (App Name), 应用类别 (Category), 令牌 (Token), 统计 (Statistics), API (API), 文档 (Documentation), 套餐 (Plan), and 用途 (Usage). A row for a token named '北京' under category '翻译' is shown with buttons for '查看' (View), '试用' (Try), '查看' (View), '购买' (Buy), and '修改' (Edit). A blue button at the bottom right says '创建令牌' (Create Token).

API

██████████, ██████████ API █████

The screenshot shows the Beini Translation interface. At the top left is the logo "北冥翻译". On the top right is a blue icon with a white "A" and a gear symbol. Below the header are two input fields, each with a dropdown menu labeled "自动检测". Underneath these are four tabs: "百度翻译" (selected), "有道翻译", "搜狗翻译", and "腾讯翻译". The main area contains two large text boxes. The left box contains the English text "hello,world!". The right box contains the Chinese translation "你好，世界!". A red arrow points from the text "点击此处填写API信息" (Click here to enter API information) at the bottom of the right box down to a red button labeled "复制结果" (Copy result) at the bottom right. At the very bottom center is the footer text "Powered by xiaozi | 使用说明".

北冥翻译



自动检测 ▾

自动检测 ▾

北冥翻译API设置



百度翻译:

hello,wo

APP ID	2017062
--------	---------

密钥	*****
----	-------

保存

有道翻译:

应用ID	67464fb65
------	-----------

应用秘钥	*****
------	-------

保存

复制结果

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API|北冥翻译|,|北冥翻译|API|百度|,|北冥翻译|,|北冥翻译|,|北冥翻译|,|北冥

北冥翻译

翻译



自动检测

自动检测

百度翻译

有道翻译

搜狗翻译

腾讯翻译

hello,world!

你好，世界！

手动翻译

复制结果

或者鼠标点击下文本框外也可以

输入完毕后需要点击手动翻译

Powered by xiaozi | 使用说明



uTools

当前位置：首页 > 分享发现 > iKuai软路由 + PVE安装LEDE (KoolShare) 作为旁路由

请输入关键词

iKuai软路由 + PVE安装LEDE (KoolShare) 作为旁路由

◎发布于: 2021-8-14 ◇ 分享发现 ◇ 0条评论 ◇ 1,154 views



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电信光猫...

xiaozi.me



Redmi路由器...

①

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几个月前折腾好了iKuai，参考[软路由系统之iKuai OS折腾小记](#)，iKuai虽然稳定好用，但总感觉缺少了些什么。于是就有了iKuai + LEDE这样的组合，iKuai稳定、单线多播、流控等功能加上LEDE的科学上网和各种第三方插件，应该是目前大多数软路由折腾中比较完善的方案。最近将LEDE也安装好了，分享下安装过程和其中遇到的坑，给需要的同学做个参考。



什么是LEDE?

UpCloud注册送25\$, 支持按需付费

UltraVPS新用户85折，适合建站

Vultr 16机房可选，注册送5\$

Anycast DNS解析，免费试用

↑ 0

↓ 3

最近更新

iKuai软路由 + PVE安装LEDE (1)
使用Docker搭建minio对象存储
开源B站视频下载工具downkyi

uTools - 网页 - “”uTools“”uTools

This screenshot shows a settings page for a plugin market. The top navigation bar includes tabs for '插件市场' (Plugin Market), '已安装插件' (Installed Plugins), '偏好设置' (Preferences), and '帐号与数据' (Account & Data). The '偏好设置' tab is currently selected. On the left, a sidebar lists categories: '基本设置' (Basic Settings), '超级面板' (Super Panel) which is selected and highlighted in grey, '全局快捷键' (Global Shortcuts), '本地文件启动' (Local File Start), and '所有关键字' (All Keywords). The main content area displays a list of hotkeys. A red box highlights the first item, '北冥翻译'. Other items in the list include 'TIM', 'Windows Terminal', '收藏' (Favorites), 'sublime', and 'ipinfo'. To the right of the list is a search bar labeled '需屏蔽的应用名称' (Name of application to be shielded) with a dropdown menu showing '按下鼠标中键' (Press the middle mouse button). At the bottom left is a '新增' (Add) button.

This screenshot shows a help article page. The left sidebar contains links to 'Introduction', 'Prerequisites', 'Set Default Configuration', and 'How to Use s3cmd'. It also features a theme switcher ('Theme: LIGHT DARK'), a 'Was this article helpful?' section with a thumbs up and thumbs down icon, and a note that 9 out of 10 found it helpful. Below this is a call-to-action for '\$50 Free on Us!' with a 'Get started now!' button. The main content area has a title 'How to Use s3cmd with Vultr Object Storage' last updated on Fri, Aug 21, 2020. It includes sections for 'Introduction' (describing s3cmd as a popular command-line tool for managing S3-compatible object storage), 'Prerequisites' (listing requirements like Vultr Object Storage configured in your account, access key, secret key, and s3cmd version 2.0.0 or later), and 'Set Default Configuration'.



“ ”API” “ ”” “ ”” “ ””

The screenshot shows the Beiguang Translation API settings page. At the top left, there are tabs for 'Beiguang Translation' and 'Translation'. The right corner features a blue icon with a white 'A' and a gear symbol. A large central modal window is open, titled 'Beiguang Translation API Settings'. Inside, there are two sections: 'Baidu Translation' and 'Cloud Translator'. Each section has an input field for 'App ID' (containing '6') and 'App Secret' (containing '.....'), followed by a green 'Save' button. Below these are two more sections: 'Cloud Translator' and 'Default Interface'. The 'Default Interface' section is highlighted with a red box and contains a dropdown menu with 'Baidu Translation' selected. At the bottom right of the modal is a 'Close' button (an 'X'). The background shows other parts of the application, including a 'Manual Translation' tab and a 'Copy Result' button.



API

機種	価格	評価	特徴
Xperia XZ2	税込200,000円	49点	防水機能
Xperia XZ2 Compact	税込150,000円	48点	AI機能
Xperia XZ2 Premium	税込100,000円	100点 / 20点 / 100点	防水機能



uTools是一个开源的跨平台工具，集成了多种实用功能，如Markdown编辑器、代码高亮、即时翻译等。

```
var app = new Vue({
  el: '#app',
  data: {
    content: '',
    results: '',
    api_name: 'tmt',//百度
    default_api_name: '',
    is_click: {
      baidu: false,
      youdao: false,
      sogou: false,
      tmt: true,
      caiyun: false
    },
    api_list: {
      baidu: '百度',
      youdao: '有道',
      caiyun: '彩云',
      sogou: '搜狗',
      tmt: '腾迅'
    },
    from: 'auto',//自动
    to: '',//目标语言
    is_load: false,//是否正在加载
    is_active: '',//是否激活
    baidu: {
      api_url: 'https://fanyi-api.baidu.com/api/trans/vip/translate',
      appid: '',
      secret_key: ''
    },
    youdao: {
      api_url: 'https://openapi.youdao.com/api',
      appid: ''
    }
})
```

```
    },
    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: ''
    }, // tmt
    err_msg: {
      content: '',
      status: false
    }, // err_msg
    suc_msg: {
      content: '',
      status: false
    }, // suc_msg
    g_msg: {
      content: '',
      status: '',
      is_type: ''
    }
  },
  methods: {
    // baidu
    baidu_func: function(){
      console.log('baidu');
      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();
      // query\n\n query=' apple\norange\nbanana\npear'
      var from = document.getElementById("from").value;
    }
  }
}
```

```
    // /  
    var to = get_to_lang(this.content);  
    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) { // 报错  
        console.log(error);  
      });  
    },  
    // /  
    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;  
      // 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);
    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) { // 处理错误
        console.log(error);
      });
    ,
    sogou_func: function(){
      this.is_load = false;
      console.log('开始请求');
      //请求
    },
    caiyun_func: function(){
      this.check_api('caiyun');
      var token = "token " + this.caiyun.secret_key;
      //请求
      var source = this.content.split("\n");
      //请求
      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;

      //请求
      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) { // 处理错误
  app.is_load = false;
  app.err_msg.content = error;
  this.is_load = false;
  app.err_msg.status = true;
  // 清除定时器
  window.setTimeout(function(){
    app.err_msg.status = false;
  }, 3000);
}

return false;
);
}
// 处理文本
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);

  // 发送请求
  axios.post( this.tmt.api_url, params)
```

```
    },
    then(
      response => {
        deal_tmt_results(response.data)
      }
    )
  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';
    break;
  }
}
```

```
    console.log(this.api_name);
    //this.baidu_func();
    break;
    case 'youdao':
        this.api_name = 'youdao';
        console.log(this.api_name);
        //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('翻译开始');
    console.log(this.api_name);
    //翻译开始
    if( this.content == '' ){
        console.log('翻译失败');
        //翻译失败
        this.is_load = false;
        return false;
    }
    switch (this.api_name) {
        case 'baidu':
            //console.log('百度翻译');

```

```
    //this.test();
    this.baidu_func();
    //console.log('百度翻译');
    break;
    case 'youdao':
    this.youdao_func();
    //console.log('有道翻译');
    break;
    case 'sogou':
    this.sogou_func();
    global_msg('搜狗翻译');
    //console.log('搜狗翻译');
    break;
    case 'tmt':
    this.tmt_func();
    global_msg('TMT翻译');
    //console.log('TMT翻译');
    break;
    case 'caiyun':
    this.caiyun_func();
    global_msg('彩云翻译');
    //console.log('彩云翻译');
    break;
    default:
    this.baidu_func();
    break;
}
//自动运行
auto_run: function(){
document.getElementById("from_content").blur();
this.is_load = true;
this.run_translation();
utools.removeSubInput();
},
//切换API
switch_api: function(api_name){
this.is_load = true;
///
this.choose_api(api_name);
///
}
```

```
//点击false
for(let key in this.is_click){
    this.is_click[key] = false;
}

//设置
this.is_click[api_name] = true;
//翻译
this.run_translation();
}, //设置
setting: function(){

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

}, //设置
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('百度');
        console.log(this.baidu.appid);
        console.log('百度');
        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('有道');
        console.log('有道');
        break;
    case 'caiyun':
        u_set('bm_caiyun_secret_key', deal_str(this.caiyun.secret_key));
        global_msg('彩云');
        console.log('彩云');
        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('API设置');
        console.log('API设置');
        break;
    default:
        break;
    }

    console.log('API');
}, //构造函数
init: function() {
    //百度API
    this.baidu.appid = u_get('bm_baidu_appid');
    this.baidu.secret_key = u_get('bm_baidu_secret_key');
    //有道API
    this.youdao.appid = u_get('bm_youdao_appid');
    this.youdao.secret_key = u_get('bm_youdao_secret_key');
    //阿里云API
    this.caiyun.secret_key = u_get('bm_caiyun_secret_key');

    //判断
    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');
        //将所有值设为false
        for(let key in this.is_click){
            this.is_click[key] = false;
        }
        //将选中的设为true
        this.is_click[api_name] = true;
        //将默认的设为
        this.default_api_name = u_get('bm_default_api_name');

    }
    else{
        this.default_api_name = 'tmt';
    }
}
```

```
    console.log('测试');
}, //url
open_url: function(url){
  uTools.shellOpenExternal(url);
}, //结果
clear_result: function(){
  if( this.content == '' ){
    this.results = '';
  }
}, //API
check_api: function(api_name){
  switch (api_name) {
    case 'baidu':
      if( this.baidu.secret_key == '' ){
        global_msg('百度API', 'is-danger');
        return false;
      }
      break;
    case 'youdao':
      if( this.youdao.secret_key == '' ){
        global_msg('有道API', 'is-danger');
        return false;
      }
      break;
    case 'caiyun':
      if( this.caiyun.secret_key == '' ){
        global_msg('彩云API', 'is-danger');
        return false;
      }
      break;
    default:
      break;
  }
}, //清空
clear_content: function(){
  this.content = '';
  this.results = '';
  console.log('清空');
}
```

□

});

```
function get_to_lang(content){  
//  
var to = document.getElementById("to").value;  
//  
if( to != 'auto' ) {  
    return to;  
}  
  
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('百度翻译结果');  
    //  
    app.is_load = false;  
    console.log(results);  
    if( results.error_code > 0 ) {  
        console.log('百度翻译错误');  
        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;
}

//处理结果
function deal_youdao_results(results){
    console.log('处理结果');
    //加载完成
    app.is_load = false;
    //输出结果
    console.log(results);
    //错误处理
    if( results.errorCode > 0 ) {
        switch (results.errorCode) {
            case '101':
                error_msg = '网络异常';
                break;
            case '102':
                error_msg = '连接超时';
                break;
            case '103':
                error_msg = '连接失败';
                break;
            case '104':
                error_msg = 'API异常';
                break;
            case '105':
                error_msg = '连接失败';
                break;
            case '106':
                error_msg = '连接失败';
                break;
            case '107':
                error_msg = '连接失败';
                break;
            case '108':
                error_msg = 'ID错误';
        }
    }
}
```

```
    break;
  case '109':
    error_msg = 'batchLog';
    break;
  case '109':
    error_msg = 'batchLog';
    break;
  case '111':
    error_msg = '';
    break;
  case '112':
    error_msg = '';
    break;
  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('处理结果');
    //加载完成
    app.is_load = false;
    console.log(results);
    if( results.target == '' ) {
        console.log('无目标');
        app.err_msg.content = results.error_msg;
        app.err_msg.status = true;
        //显示错误
        window.setTimeout(function(){
            app.err_msg.status = false;
            //3000毫秒后消失
            return false;
        });
    }
    else{
        results = results.target;
        var content = '';
        for(i = 0;i < results.length;i++) {
            content += results[i] + "\n";
        }
        app.results = content;
    }
    //显示结果
}

function deal_tmt_results(results){
    console.log('处理结果');
    //加载完成
    app.is_load = false;
    console.log('目标' + results.TargetText);
    //显示结果
    if( results.TargetText == undefined ){
        app.err_msg.content = results.Response.Error.Message;
        app.err_msg.status = true;
        //显示错误
        window.setTimeout(function(){
            app.err_msg.status = false;
            //3000毫秒后消失
            return false;
        });
    }
    else{
```

```
    app.results = results.TargetText;
}

}

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

```
//全局消息  
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);  
}  
  
//全局  
//全局  
function copy_result(str_type){  
    var copy = new clipboard( '', {  
        beforeCopy: function() {  
            //var content = app.results;  
        },  
        copy: function() {  
            if( str_type == 'content' ){  
                global_msg('全局消息');  
                return app.content;  
            }  
            else if( str_type == 'results' ){  
                global_msg('全局消息');  
                return app.results;  
            }  
            },  
        afterCopy: function() {  
            }  
    });  
}
```

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



□□□□□□□□□□

1. □ Invalid Sign □“□□□”□□□□□