# 概述

1. 本系统接口如非特殊说明均采用HTTP post接口方式；
2. 返回数据包均采用json格式封装, 编码均采用UTF-8编码, 往返数据均采用base64算法加密
3. 双方约定的秘钥：随机产生八位（字母数字组合）字符串，服务端或客户端收到自动过滤前8位，剩下的进行base64解码即为参数的json串
4. 所有接口统一入口：

http://59.64.38.72:60/shangfei/my/api/LMSApi.php

## 1、登录

**发送:**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| moduleid | int | 1 |
| username | String | 用户名 |
| password | String | 密码 |

**返回：**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| result | int | 0为失败，1为成功 |
| object | json | **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"result"**: 1**,**  **"object"**: **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "2"**,**  **"username"**: "stu1"**,**  **"password"**: "e10adc3949ba59abbe56e057f20f883e"**,**  **"realname"**: "张同学"**,**  **"number"**: null**,**  **"mail"**: null**,**  **"enabledate"**: null**,**  **"disabledate"**: null**,**  **"state"**: "Y"**,**  **"time"**: "2014-10-12 12:07:33"**,**  **"sex"**: null**,**  **"role"**: "3"**,**  **"deleted"**: "0"**,**  **"info"**: "登录成功"  **}**  **}** |

## 2、课程列表

**发送:**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| moduleid | int | 2 |
| userid | int | 用户id |

**返回：**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| result | int | 0为失败，1为成功 |
| list | json | **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"result"**: 1**,**  **"list"**: **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"course"**: **[**http://tool.oschina.net/tools/json_format/Expanded.gif  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "9"**,**  **"title"**: "APU基础"**,**  **"description"**: null**,**  **"number"**: null**,**  **"starttime"**: "2014-10-20 22:40:52"**,**  **"endtime"**: "2014-10-23 22:40:54"**,**  **"key"**: null**,**  **"time"**: "2014-10-19 22:40:57"**,**  **"deleted"**: "0"**,**  **"userid"**: "4"**,**  **"alwaysupdate"**: "1"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "8"**,**  **"title"**: "第七个课程"**,**  **"description"**: null**,**  **"number"**: null**,**  **"starttime"**: "2014-10-23 11:42:47"**,**  **"endtime"**: "2014-10-30 11:42:48"**,**  **"key"**: null**,**  **"time"**: "2014-10-19 11:42:52"**,**  **"deleted"**: "0"**,**  **"userid"**: "1"**,**  **"alwaysupdate"**: "0"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "5"**,**  **"title"**: "发动机常见问题解答"**,**  **"description"**: null**,**  **"number"**: null**,**  **"starttime"**: "2014-10-18 11:34:11"**,**  **"endtime"**: "2014-10-30 11:33:44"**,**  **"key"**: null**,**  **"time"**: "2014-10-17 15:49:14"**,**  **"deleted"**: "0"**,**  **"userid"**: "1"**,**  **"alwaysupdate"**: "1"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "4"**,**  **"title"**: "第四个课程"**,**  **"description"**: null**,**  **"number"**: null**,**  **"starttime"**: "2014-10-18 11:34:11"**,**  **"endtime"**: "2014-10-19 11:33:44"**,**  **"key"**: null**,**  **"time"**: "2014-10-07 19:38:28"**,**  **"deleted"**: "0"**,**  **"userid"**: "1"**,**  **"alwaysupdate"**: "1"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "3"**,**  **"title"**: "第三个课程3"**,**  **"description"**: null**,**  **"number"**: null**,**  **"starttime"**: "2014-10-18 11:34:11"**,**  **"endtime"**: "2014-10-30 11:33:44"**,**  **"key"**: null**,**  **"time"**: "2014-10-07 19:37:18"**,**  **"deleted"**: "0"**,**  **"userid"**: "1"**,**  **"alwaysupdate"**: "1"  **}**  **],**  **"courseGroup"**: **[**http://tool.oschina.net/tools/json_format/Expanded.gif  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "12"**,**  **"title"**: "APU课程组"**,**  **"description"**: null**,**  **"userid"**: "4"**,**  **"type"**: "3"**,**  **"time"**: "2014-10-19 22:53:32"**,**  **"deleted"**: "0"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "6"**,**  **"title"**: "第一个课程组"**,**  **"description"**: null**,**  **"userid"**: "1"**,**  **"type"**: "3"**,**  **"time"**: "2014-10-07 19:28:36"**,**  **"deleted"**: "0"  **}**  **]**  **}**  **}** |

## 2、课程单元列表

**发送:**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| moduleid | int | 3 |
| courseid | int | 课程id |

**返回：**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| result | int | 0为失败，1为成功 |
| list | json | **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"result"**: 1**,**  **"list"**: **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"courseUnit"**: **[**http://tool.oschina.net/tools/json_format/Expanded.gif  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"title"**: "APU基础第一讲"**,**  **"url"**: "http://localhost:60/shangfei/my/api/../upload/files/17/unzip//U1 Hello I am Andy/index.htm"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"title"**: "tomcat启动与类加载"**,**  **"url"**: "http://localhost:60/shangfei/my/api/../student/scormShow.php?id=8"  **}**  **],**  **"courseUnitGroup"**: **[**http://tool.oschina.net/tools/json_format/Expanded.gif  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "11"**,**  **"title"**: "APU基础组"**,**  **"description"**: null**,**  **"userid"**: "4"**,**  **"type"**: "2"**,**  **"time"**: "2014-10-19 22:45:26"**,**  **"deleted"**: "0"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "3"**,**  **"title"**: "第1个课程单元组"**,**  **"description"**: null**,**  **"userid"**: "1"**,**  **"type"**: "2"**,**  **"time"**: "2014-10-07 16:07:32"**,**  **"deleted"**: "0"  **}**  **]**  **}**  **}** |

## 3、课程单元组下的课程单元列表及课程单元组列表

**发送:**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| moduleid | int | 4 |
| groupid | int | 课程单元组id |

**返回：**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| result | int | 0为失败，1为成功 |
| list | json | **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"result"**: 1**,**  **"list"**: **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"courseUnit"**: **[**http://tool.oschina.net/tools/json_format/Expanded.gif  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "15"**,**  **"title"**: "第一个学习路径"**,**  **"description"**: null**,**  **"number"**: null**,**  **"key"**: null**,**  **"enabledate"**: null**,**  **"disabledate"**: null**,**  **"totalscore"**: null**,**  **"passscore"**: null**,**  **"timelength"**: null**,**  **"type"**: null**,**  **"time"**: "2014-10-17 15:36:39"**,**  **"deleted"**: "0"**,**  **"lpid"**: "7"**,**  **"userid"**: "1"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "13"**,**  **"title"**: "wwwww"**,**  **"description"**: null**,**  **"number"**: null**,**  **"key"**: null**,**  **"enabledate"**: null**,**  **"disabledate"**: null**,**  **"totalscore"**: null**,**  **"passscore"**: null**,**  **"timelength"**: null**,**  **"type"**: null**,**  **"time"**: "2014-10-17 15:29:57"**,**  **"deleted"**: "0"**,**  **"lpid"**: "0"**,**  **"userid"**: "1"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "9"**,**  **"title"**: "Golf Explained - Minimum Run-time Calls"**,**  **"description"**: null**,**  **"number"**: null**,**  **"key"**: null**,**  **"enabledate"**: null**,**  **"disabledate"**: null**,**  **"totalscore"**: null**,**  **"passscore"**: null**,**  **"timelength"**: null**,**  **"type"**: null**,**  **"time"**: "2014-10-17 14:14:24"**,**  **"deleted"**: "0"**,**  **"lpid"**: "2"**,**  **"userid"**: "1"  **}**  **],**  **"courseUnitGroup"**: **[**http://tool.oschina.net/tools/json_format/Expanded.gif  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "11"**,**  **"title"**: "APU基础组"**,**  **"description"**: null**,**  **"userid"**: "4"**,**  **"type"**: "2"**,**  **"time"**: "2014-10-19 22:45:26"**,**  **"deleted"**: "0"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "3"**,**  **"title"**: "第1个课程单元组"**,**  **"description"**: null**,**  **"userid"**: "1"**,**  **"type"**: "2"**,**  **"time"**: "2014-10-07 16:07:32"**,**  **"deleted"**: "0"  **}**  **]**  **}**  **}** |

## 4、课程组下的课程列表及课程组列表

**发送:**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| moduleid | int | 5 |
| groupid | int | 课程组id |

**返回：**

|  |  |  |
| --- | --- | --- |
| **成员** | **类型** | **说明** |
| result | int | 0为失败，1为成功 |
| list | json | **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"result"**: 1**,**  **"list"**: **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"course"**: **[**http://tool.oschina.net/tools/json_format/Expanded.gif  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "5"**,**  **"title"**: "发动机常见问题解答"**,**  **"description"**: null**,**  **"number"**: null**,**  **"starttime"**: "2014-10-18 11:34:11"**,**  **"endtime"**: "2014-10-30 11:33:44"**,**  **"key"**: null**,**  **"time"**: "2014-10-17 15:49:14"**,**  **"deleted"**: "0"**,**  **"userid"**: "1"**,**  **"alwaysupdate"**: "1"**,**  **"type"**: "1"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "2"**,**  **"title"**: "第二个课程"**,**  **"description"**: null**,**  **"number"**: null**,**  **"starttime"**: "2014-10-18 11:34:11"**,**  **"endtime"**: "2014-10-30 11:33:44"**,**  **"key"**: null**,**  **"time"**: "2014-10-07 01:37:14"**,**  **"deleted"**: "0"**,**  **"userid"**: "1"**,**  **"alwaysupdate"**: "1"**,**  **"type"**: "1"  **},**  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "1"**,**  **"title"**: "第一个课程1"**,**  **"description"**: null**,**  **"number"**: null**,**  **"starttime"**: "2014-10-18 11:34:11"**,**  **"endtime"**: "2014-10-30 11:33:44"**,**  **"key"**: null**,**  **"time"**: "2014-10-07 01:22:06"**,**  **"deleted"**: "0"**,**  **"userid"**: "1"**,**  **"alwaysupdate"**: "1"**,**  **"type"**: "1"  **}**  **],**  **"courseGroup"**: **[**http://tool.oschina.net/tools/json_format/Expanded.gif  **{**http://tool.oschina.net/tools/json_format/Expanded.gif  **"id"**: "6"**,**  **"title"**: "第一个课程组"**,**  **"description"**: null**,**  **"userid"**: "1"**,**  **"type"**: "3"**,**  **"time"**: "2014-10-07 19:28:36"**,**  **"deleted"**: "0"  **}**  **]**  **}**  **}** |