**服务器和客户端接口文档**

**（注意区分大小写）**

1. **登陆接口**

**获取该用户名和密码是否可以登陆客户端系统**

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：L0 |
| usr | 用户名 |
| pwd | 密码 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：L0 |
| r | 是否成功登陆，1表示成功，0表示失败。 |
| UserId | 获得该用户的唯一识别ID |

JSON格式：

{"result":{"UserId":1,"i":"L0","r":"1"}}

1. 获得所有Session

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| Tag | API标签：SL0 |
| Uid | 获得该用户的唯一识别ID |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| sel | 子标签Session Information |
| usr | 子标签，当前用户信息 |
| bar | 子标签，记录主界面上的静态图像和功能 |
| stime | 服务器当前时间 |
| LoginName | 用户登录名 |
| FirstName | 用户登录名 |
| LastName | 用户登录姓 |
| Icon | 用户头像相对路径 |
| Score | 用户当前积分 |
| DemoJamId1 | 用户第一次投票给的DemoJam ID |
| DemoJamId2 | 用户第二次投票给的DemoJam ID |
| VoiceVoteId1 | 用户第一次投票给的SAP Voice ID |
| VoiceVoteId2 | 用户第二次投票给的SAP Voice ID |
| EggVoted | 用户是否已经对鸡蛋争锋投过票 |
| SessionId | Session唯一标识ID |
| Title | Session的题目 |
| Format | Session的格式 |
| Track | Session的轨迹 |
| Loaction | Session的地点 |
| StartTime | Session的开始时间，用格林尼治时间秒来表示 |
| EndTime | Session的结束时间，用格林尼治时间秒来表示 |
| Point | 听了Session后的分数 |
| Logo | Session的表示图像 |
| LikeFlag | 该用户是否点赞 |
| LikeCnt | 所有用户点赞数 |
| CollectionFlag | 该用户是否收藏 |

JSON格式：

{"result":{"sel":[{"SessionId":27647,"Title":"SAP S/4HANA Essentials","Format":"SAP Talk","Track":"S/4HANA","Location":"","StartTime":1454144400,"EndTime":1454148000 ,"Point":10,"Logo":"","LikeFlag":true,"LikeCnt":2,"CollectionFlag":true},{"SessionId":27692,"Title":"Simple and Fancy: SAP Anywhere E-Shop","Format":"Developer Faire Booth","Track":"Small \u0026 Medium Enterprises","Location":"","StartTime":1454144400,"EndTime":1454148000 ,"Point":10,"Logo":"","LikeFlag":true,"LikeCnt":1,"CollectionFlag":false},{"SessionId":27695,"Title":"Real-time sentiment rating of movies on SAP HANA","Format":"Developer Faire Booth","Track":"HANA, HCP \u0026 Cloud Infrastructure","Location":"","StartTime":1454144400,"EndTime":1454148000,"Point":10,"Logo":"","LikeFlag":false,"LikeCnt":0,"CollectionFlag":true}],"usr":{"LoginName":"test001","FirstName":"Robin","LastName":"Meyerhoff","Icon":"","Score":0,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false}}}

1. 获得用户信息

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：U0 |
| uid | Userid用户的唯一标识符ID |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：U0 |
| r | 是否成功登陆，1表示成功，0表示失败。 |
| usr | 子标签 |
| LoginName | 用户的登录名 |
| FirstName | 用户的名 |
| LastName | 用户的姓 |
| Icon | 用户的头像 |
| Score | 用户现在的积分 |
| DemoJamId1 | 用户第一次选择DemoJam的投票项 |
| DemoJamId2 | 用户第二次选择DemoJam的投票项 |
| VoiceVoteId1 | 用户第一次选择VoiceVoteId的投票项 |
| VoiceVoteId2 | 用户第二次选择VoiceVoteId的投票项 |
| EggVoted | 用户是否已经对鸡蛋争锋投过票 |

JSON格式：

{"result":{"r":"1","usr":[{"LoginName":"I031875","FirstName":"Jyotsna","LastName":"Murthy ","Icon":"","Score":0,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false}]}}

1. 用户收藏/取消收藏Session

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：SC0 |
| uid | 用户的唯一标识符ID |
| sid | Session的唯一标识符ID |
| v | 是否收藏该session |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：SC0 |
| r | 是否成功登陆，1表示新增的收藏记录，0表示修改收藏记录。 |

JSON格式：

{"result":{"i":"SC0","r":0}}

1. 用户点赞/取消点赞Session

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：SV0 |
| uid | 用户的唯一标识符ID |
| sid | Session的唯一标识符ID |
| v | 是否对该session点赞 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：SV0 |
| r | 是否成功登陆，1表示新增的点赞记录，0表示修改点赞记录。 |

JSON格式：

{"result":{"i":"SV0","r":0}}

1. 获得分数排行

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：R0 |
| uid | 用户的唯一标识符ID |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：R0 |
| urk | User rank，返回用户当前的排名 |
| rl | Rank list标签。内容是按照分数从大到小的用户信息。 |
| usr | 当前用户的信息。 |
| LoginName | 当前用户登录名 |
| FirstName | 当前用户的名 |
| LastName | 当前用户的姓 |
| Icon | 当前用户的头像 |
| Score | 当前用户现在的积分 |
| DemoJamId1 | 当前用户第一次选择DemoJam的投票项 |
| DemoJamId2 | 当前用户第二次选择DemoJam的投票项 |
| VoiceVoteId1 | 当前用户第一次选择VoiceVoteId的投票项 |
| VoiceVoteId2 | 当前用户第二次选择VoiceVoteId的投票项 |
| EggVoted | 当前用户是否已经对鸡蛋争锋投过票 |

JSON格式：

{"result":{"i":"R0","rl":[{"LoginName":"Yancy","FirstName":"Yancy","LastName":"Yang ","Icon":"","Score":30,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"Yu","FirstName":"Yu","LastName":"Xia ","Icon":"","Score":30,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"Wei","FirstName":"Wei","LastName":"Song ","Icon":"","Score":30,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"Zezhang","FirstName":"Zezhang ","LastName":"Zhao ","Icon":"","Score":30,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"test001","FirstName":"Robin","LastName":"Meyerhoff","Icon":"","Score":20,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"Teddy","FirstName":"Teddy","LastName":"Shi ","Icon":"","Score":10,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"I048324","FirstName":"Marc","LastName":"Gong ","Icon":"","Score":0,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"I065574","FirstName":"Chloe","LastName":"Xu ","Icon":"","Score":0,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"I071107","FirstName":"Xingtian","LastName":"Shi ","Icon":"","Score":0,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false},{"LoginName":"I069526","FirstName":"tao","LastName":"jiawei ","Icon":"","Score":0,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false}],"urk":4,"usr":{"LoginName":"test001","FirstName":"Robin","LastName":"Meyerhoff","Icon":"","Score":20,"DemoJamId1":0,"DemoJamId2":0,"VoiceVoteId1":0,"VoiceVoteId2":0,"EggVoted":false}}}

1. 上传用户头像图片

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：UI0 |
| uid | 用户的唯一标识符ID |
| ptype | 上传图片的格式 |
| filepath | 上传图片的内容 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| I | 返回的API标签：I0 |
| r | 是否成功上传图像，1表示成功，0表示失败。 |

JSON格式：

{"result":{"i":"UI0","r":"1"}}

1. 获得所有Demo Jam List信息

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：DL0 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：DL0 |
| DemoJamItemId | DemoJam唯一识别ID |
| TeamName | DemoJam队伍的名字 |
| Department | DemoJam队伍的部门 |
| Introduction | DemoJam队伍的介绍 |

JSON格式：

{"result":{"dl":[{"DemoJamItemId":1,"TeamName":"dj team 1","Department":"dep 1","Introduction":"dj team 1 intro"},{"DemoJamItemId":2,"TeamName":"dj team 2","Department":"dep 2","Introduction":"dj team 2 intro"}],"i":"DL0"}}

1. 提交Demo Jam投票提交

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：DV0 |
| uid | 用户的唯一标识符ID |
| djid | 该用户投票的Demo Jam ID |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| I | 返回的API标签：DV0 |
| r | 是否成功提交投票成功，1表示成功，0表示失败。 |

JSON格式：

{"result":{"i":"DV0","r":"1"}}

1. 获得所有SAP Voice List信息

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：VL0 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：VL0 |
| VoiceItemId | SAP Voice唯一识别ID |
| VoicerName | 演唱者的名字 |
| SongName | 演唱者演唱的曲目 |
| VoicerPic | 演唱者的照片 |

JSON格式：

{"result":{"i":"VL0","vl":[{"VoiceItemId":1,"VoicerName":"vote item 001","SongName":""},{"VoiceItemId":2,"VoicerName":"vote Item 002","SongName":""}]}}

1. 提交SAP Voice投票信息

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：VS0 |
| uid | 用户的唯一标识符ID |
| vjid | 该用户投票的SAP voice ID |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：VS0 |
| r | 是否成功提交投票成功，1表示成功，0表示失败。 |

JSON格式：

{"result":{"i":"VS0","r":"1"}}

1. 获得DKOM Survey信息
2. 提交DKOM Survey结果

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：DSS0 |
| uid | 用户的唯一标识符ID |
| q1 | 该用户问题1的答案 |
| q2 | 该用户问题2的答案 |
| q3 | 该用户问题3的答案 |
| q4 | 该用户问题4的答案 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| I | 返回的API标签：DSS0 |
| r | 是否成功提交投票成功，1表示成功，0表示失败。 |

JSON格式：

{"result":{"i":"DSS0","r":"1"}}

1. 获得Session对应的Survey题目

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：SSI0 |
| sid | Session的唯一标识符ID |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| I | 返回的API标签：SSS0 |
| r | 是否成功提交投票成功，1表示成功，0表示失败。 |
| q | 子标签，记录Session对于Survey的内容 |
| Q11 | 问题1-1 |
| Q12 | 问题1-2 |
| Q13 | 问题1-3 |
| Q14 | 问题1-4 |
| Q21 | 问题2-1 |
| Q22 | 问题2-2 |
| Q23 | 问题2-3 |
| Q24 | 问题2-4 |
| Q3 | 问题3 |

JSON格式：

{“result”:{“i”:”SSI0”,”q”:[{“SurveyInfoId”:0,”Q11”:”1session 11”,”Q12”:”1session 12”,”Q13”:”1session 13”,”Q14”:”1session 14”,”Q21”:”1session 21”,”Q22”:”1session 22”,”Q23”:”1session 23”,”Q24”:”1session 24”,”Q3”:”1session 3”}],”r”:”1”}}

1. 提交Session对应的Survey结果

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：SSS0 |
| uid | 用户的唯一标识符ID |
| sid | 用户进行调查的Survey的唯一标识符 |
| q1 | 该用户问题1的答案 |
| q2 | 该用户问题2的答案 |
| q3 | 该用户问题3的答案 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| I | 返回的API标签：SSS0 |
| r | 是否成功提交投票成功，1表示成功，0表示失败。 |

JSON格式：

{"result":{"i":"SSS0","r":"1"}}

1. 上传照片

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：PS0 |
| uid | 用户的唯一标识符ID |
| cat | 照片隶属于的种类 |
| ptype | 上传图片的格式 |
| filepath | 上传图片的内容 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| I | 返回的API标签：PS0 |
| r | 是否成功上传图像，1表示成功，0表示失败。 |

JSON格式：

{"result":{"i":"PS0","r":"1"}}

1. 删除照片

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：PD0 |
| uid | 用户的唯一标识符ID |
| filepath | 需要删除的图片的地址 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| I | 返回的API标签：PS0 |
| r | 是否成功删除图像，1表示成功，0表示失败。 |

JSON格式：

{"result":{"i":"PS0","r":"1"}}

1. 照片墙点赞

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：PV0 |
| uid | 用户的唯一标识符ID |
| pwid | 点赞的图像的唯一标识ID |
| v | 是否点赞 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| I | 返回的API标签：PV0 |
| r | 是否成功点赞图像，1表示成功，0表示失败。 |

JSON格式：

{"result":{"i":"PV0","r":"1"}}

1. 获得所有照片

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：PL0 |
| uid | 当前用户的唯一标识符ID |
| cat | 图像类型 |
| psid | 获得图像的开始的ID |
| cnt | 需要获得的图片数量 |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：PL0 |
| r | 是否成功获得图像，1表示成功，0表示失败。 |
| pl | 子标签，图片列表 |
| PictureWallId | 照片墙的唯一标识符ID |
| Icon | 上传者头像的相对地址 |
| Picture | 照片的相对地址 |
| FirstName | 照片上传者的名 |
| LastName | 照片上传者的姓 |
| Title | 照片上传者的头衔 |
| Category | 照片的分类 |
| Comment | 上传者对照片的评论 |
| LikeFlagCnt | 照片的点赞人数 |
| IsLiked | 该用户是否对这张照片点过赞 |

JSON格式：

{"result":{"i":"PL0","pl":[{"PictureWallId":22,"Icon":"","Picture":"26063/1453557104.png","Category":"cat0","FirstName":"Yu","LastName":"Xia ","Title":"","Comment":"","LikeFlagCnt":2,"IsLiked":true},{"PictureWallId":23,"Icon":"","Picture":"26063/1453557105.png","Category":"cat0","FirstName":"Yu","LastName":"Xia ","Title":"","Comment":"","LikeFlagCnt":1,"IsLiked":true},{"PictureWallId":28,"Icon":"","Picture":"26063/1453557105.png","Category":"cat1","FirstName":"Wei","LastName":"Song ","Title":"","Comment":"","LikeFlagCnt":1,"IsLiked":true},{"PictureWallId":24,"Icon":"","Picture":"26063/1453557106.png","Category":"cat0","FirstName":"Yu","LastName":"Xia ","Title":"","Comment":"","LikeFlagCnt":0,"IsLiked":false},{"PictureWallId":25,"Icon":"","Picture":"26063/1453557107.png","Category":"cat0","FirstName":"Yu","LastName":"Xia ","Title":"","Comment":"","LikeFlagCnt":0,"IsLiked":false},{"PictureWallId":26,"Icon":"","Picture":"26063/1453557107.png","Category":"cat0","FirstName":"Yu","LastName":"Xia ","Title":"","Comment":"","LikeFlagCnt":0,"IsLiked":false},{"PictureWallId":27,"Icon":"","Picture":"26063/1453557104.png","Category":"cat0","FirstName":"Robin","LastName":"Meyerhoff","Title":"Office of CEO","Comment":"","LikeFlagCnt":0,"IsLiked":false}],"r":"1"}}

1. 获得Session Detail的信息

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：SD0 |
| sid | Session的唯一标识ID |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：SD0 |
| r | 是否成功获得图像，1表示成功，0表示失败。 |
| s | 子标签，Session具体信息 |
| sp | 子标签，Speaker列表 |
| SessionId | Session唯一标识ID |
| Title | Session的题目 |
| Format | Session的格式 |
| Track | Session的轨迹 |
| Loaction | Session的地点 |
| StartTime | Session的开始时间，用格林尼治时间秒来表示 |
| EndTime | Session的结束时间，用格林尼治时间秒来表示 |
| Description | Session的具体描述 |
| Point | 听了Session后的分数 |
| Logo | Session的表示图像 |
| FirstName | Speaker的名 |
| LastName | Speaker的姓 |
| Title | Speaker的头衔 |
| Icon | Speaker的头像 |
| Role | Speaker在这个Session中的角色 |

JSON格式：

{"result":{"i":"SD0","r":"1","s":[{"SessionId":29633,"Title":"Catching the IOT \_ bandwagon ; A hands-on session on SAP HCP and IOT services","Format":"Interactive Zone","Track":"Internet of Things","Location":"","StartTime":1454144400,"EndTime":1454148000,"Description":"With the recent push in SAP¡¯s strategy towards cloud and Digital Transformation, it has become increasingly important that all employees have a working knowledge about SAP¡¯s HCP and the various services that have been implemented on top of it. With this vision, we would like to conduct an interactive session where we would be get participants started on SAP HCP and enable them to use HCP IOT services. Participants will get a hands-on experience the IOT services \_ creating device types, message types and finally devices which will be the actual representation of the sensors/microcontrollers in the real world. Interaction of IOT services with Hana for inbound or outbound communication from sensors to the database will also be covered as Hands on exercise. From here they will be ready with the data stored in the database which can be consumed in a UI to build a UI5 application. This session would enable developers with all the knowledge required to create IOT applications using SAP HCP.","Point":10,"Logo":""}],"sp":[{"FirstName":"Reema","LastName":"Mittal ","Title":"Associate Architect","Icon":"","Role":"Presenter"},{"FirstName":"Vaibhav","LastName":"Arora ","Title":"Associate Developer","Icon":"","Role":"Presenter"}]}}

1. 获得当前用户所有上传过的照片

Request:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| tag | API标签：PML0 |
| uid | 当前用户的的唯一标识符ID |

Response:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| resoult | 总标签 |
| i | 返回的API标签：PML0 |
| r | 是否成功获得图像，1表示有图像，0表示无图像 |
| p’l | 子标签，该用户上传过的图像列表信息 |
| sp | 子标签，Speaker列表 |
| Picture | 图像的相对地址 |
| Category | 图像的分类 |
| Comment | 图像的评论 |

JSON格式：

{"result":{"i":"PML0","pl":[{"Picture":"3/1453358990.png","Category":"cate 2","Comment":""},{"Picture":"2/1453360754.png","Category":"cate 1","Comment":""},{"Picture":"2/1453358990.png","Category":"cate 2","Comment":""}],"r":"1"}}

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