# 最新版服务端接口文档

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| 版本 | 改动点 |
| V1.0 | 新增 |
| V1.1 | 1. 新增查询每日任务摘要接口(见文档) 2. 对获取每日任务接口中的日期加限制(不得传当日之前的日期) 3. 修复按截止日期制定计划一些bug,现在可以按照截止日期来指定计划. 4. 增加对副本的支持(暂未开放接口) |

### 前言

现有的服务器2台，12月份到期，服务器地址：123.207.39.21，数据库对外地址：594882e381049.gz.cdb.myqcloud.com：9247。现有服务均已发布至服务器上，并且初步测试通过。以下是接口的测试用例。

### 接口测试

第一部分，单词收集部分接口，服务地址为123.207.39.21：8099/translate

1.收集指定文件中的单词

请求地址： 123.207.39.21:8099/translate/words/start/collect/words?fileName=TOEFL.xlsx&type=50

返回结果：

success": true,

"code": "00",

"msg": "成功",

"realResult":{

"code": "00",

"msg": "collect success!",

"realResult": null

}

1. 收集单词例句

请求地址：

123.207.39.21:8099/translate/words/start/collect/sentence

返回结果：

success": true,

"code": "00",

"msg": "成功",

"realResult":{

"code": "00",

"msg": "collect success!",

"realResult": null

}

1. 查询单词含义

请求地址：

123.207.39.21:8099/translate/words/query/word?word=hello

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult":{

"wordId": 1560,

"word": "hello",

"mean": " int.（见面打招呼或打电话用语）喂,哈罗",

"v": null,

"n":[

"an expression of greeting"

],

"adj": null,

"adv": null,

"ukPronunciation": "hə'ləʊ",

"usPronunciation": "hə'loʊ",

"ukAudio":[

"https://media-audio1.baydn.com/uk%2Fh%2Fhe%2Fhello\_v3.mp3",

"http://media-audio1.qiniu.baydn.com/uk/h/he/hello\_v3.mp3",

"http://media.shanbay.com/audio/uk/hello.mp3"

],

"usAudio":[

"https://media-audio1.baydn.com/us%2Fh%2Fhe%2Fhello\_v3.mp3",

"http://media-audio1.qiniu.baydn.com/us/h/he/hello\_v3.mp3",

"http://media.shanbay.com/audio/us/hello.mp3"

],

"defaultAudio": null,

"samples":{

"word": "hello",

"wordId": 1560,

"mysentences":[

{

"first": "If you don't say ",

"last": " to him ,he will think you defy him",

"translation": "如果你不跟他打招呼，他会认为你蔑视他",

"like": 0,

"unlike": 0

},

{

"first": "i said ",

"last": " to her",

"translation": "我对他说你好",

"like": 0,

"unlike": 0

},

{

"first": "",

"last": ", where are you going",

"translation": "你好，你去哪",

"like": 0,

"unlike": 0

},

{

"first": "",

"last": ",",

"translation": "你好",

"like": 0,

"unlike": 0

},

{

"first": "",

"last": ".",

"translation": "你好。",

"like": 0,

"unlike": 0

}

]

}

}

}

1. 根据书名模糊查询书本信息：

请求地址：

123.207.39.21:8099/translate/book/query/bookByName?bookName=托

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult":[

{

"id": 1,

"name": "托福基本词汇",

"type": 50,

"wordNumber": 486

},

{

"id": 3,

"name": "托福中级词汇",

"type": 51,

"wordNumber": 0

},

{

"id": 4,

"name": "托福高级词汇",

"type": 52,

"wordNumber": 0

}

]

}

1. 根据书本类型查询书本信息

请求路径：123.207.39.21:8099/translate/book/query/book?bookType=50

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult":{

"id": 1,

"name": "托福基本词汇",

"type": 50,

"wordNumber": 486

}

}

1. 查询目前所有的书本

请求地址：

123.207.39.21:8099/translate/book/books

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult":[

{

"id": 1,

"name": "托福基本词汇",

"type": 50,

"wordNumber": 486

},

{

"id": 2,

"name": "基础词汇",

"type": 1,

"wordNumber": 4

},

{

"id": 3,

"name": "托福中级词汇",

"type": 51,

"wordNumber": 0

},

{

"id": 4,

"name": "托福高级词汇",

"type": 52,

"wordNumber": 0

}

]

}

1. 根据单词Id查询例句信息

请求地址:

123.207.39.21:8099/translate/words/query/sentence?wordId=1564

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult":{

"word": "type",

"wordId": 1564,

"mysentences":[

{

"first": "",

"last": " the letter.",

"translation": "打这封信。",

"like": 0,

"unlike": 0

},

{

"first": "She wasn't exactly the ",

"last": " that drove you mad with desire.",

"translation": "她这样的女人，实在引不起你多大兴趣。",

"like": 0,

"unlike": 0

},

{

"first": "",

"last": " two diabetes interferes with the body's use of insulin.",

"translation": "及物动词 vt. \n\n1.作为...的典型",

"like": 0,

"unlike": 0

},

{

"first": "The ",

"last": " of skirt is all the go.",

"translation": "这种裙子很时髦。",

"like": 0,

"unlike": 0

},

{

"first": "The juniper is a ",

"last": " of evergreen bush with purple berries.",

"translation": "杜松子是一种生有紫红色浆果的常绿灌木。",

"like": 0,

"unlike": 0

}

]

}

}

第二部分，计划部分地址为

123.207.39.21：8098/translate

1. 制定计划

请求地址：POST

123.207.39.21:8098/translate/plan/make

请求参数：

{"bookId":50,"planType":"1","number":10,"userId":123}

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult": 1

}

说明：制定计划的realResult返回的是计划Id

1. 查询计划

请求地址：123.207.39.21:8098/translate/plan/query?planId=7&userId=13121

返回结果：{

"success": true,

"code": "00",

"msg": "成功",

"realResult":[

{

"id": 0,

"planType": 1,

"userId": 13121,

"planStatus": 10,

"deadline": null,

"completeNumber": 0,

"allNumber": 486,

"endDate": null,

"bookId": 50,

"bookName": null,

"number": 10

}

]

}

1. 修改计划：

请求地址：POST

123.207.39.21:8098/translate/plan/modify

请求参数：

{"id":7,"bookId":50,"planType":"1","number":20,"userId":13121}

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult":{

"status": "00",

"msg": "更新成功"

}

}

1. 获取计划

请求地址：

123.207.39.21:8098/translate/task/getTask?planId=7&userId=13121&planDate=2017/06/26

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult":{

“id”:1,

"wordNumber": 20,

"newWordNumber": 20,

"newWords":[

{"wordId": 1565, "word": "sympathy", "mean": " n. 同情,忠诚,感应", "v": null,…},

{"wordId": 1566, "word": "strengthen", "mean": " vt. &vi. 加强,变坚固", "v":["make strong or stronger",…},

{"wordId": 1567, "word": "gull", "mean": " n. 鸥\nn. 易受骗之人\nvt. 诈欺, 骗", "v":["make a fool or dupe of",…},

{"wordId": 1568, "word": "bandmaster", "mean": " n. 乐队队长", "v": null,…},

{"wordId": 1569, "word": "currency", "mean": " n. 货币; 流通", "v": null,…},

{"wordId": 1570, "word": "aggregation", "mean": " n. 集合, 聚合, 集合体", "v": null,…},

{"wordId": 1571, "word": "temporarily", "mean": " adj. 临时的\nadv. 暂时地,临时地", "v": null,…},

{"wordId": 1572, "word": "bloom", "mean": " n. 花,钢块,兴旺\nvt. 使...开花\nvi. 开花,变得健康", "v":["produce or yield flowers"…},

{"wordId": 1573, "word": "crustacean", "mean": " n. 甲壳类动物\nadj. 甲壳纲的", "v": null,…},

{"wordId": 1574, "word": "fertilize", "mean": " vt.使肥沃； 使受孕； 施肥", "v":["provide with fertilizers or add nutrients to",…},

{"wordId": 1575, "word": "leadership", "mean": " n. 领导, 领导才干", "v": null,…},

{"wordId": 1576, "word": "complicated", "mean": " adj. 复杂的, 难懂的", "v":["make more complicated",…},

{"wordId": 1577, "word": "fluent", "mean": " adj. 流利的, 流畅的", "v": null,…},

{"wordId": 1578, "word": "hornet", "mean": " n. 大黄蜂类,难缠的人物", "v": null,…},

{"wordId": 1579, "word": "appropriate", "mean": " adj. 适当的, 相称的\nvt. 拨出(款项); 占用", "v":["give or assign a resource to a particular person or cause",…},

{"wordId": 1580, "word": "linger", "mean": " vt. 消磨, 无所事事\nvi. 逗留,消磨,徘徊,漫步", "v":["remain present although waning or gradually dying",…},

{"wordId": 1581, "word": "assure", "mean": " vt. 保险,保证,确信,担保", "v":["make certain of",…},

{"wordId": 1582, "word": "diverse", "mean": " adj. 不同的,相异的,多种多样的", "v": null,…},

{"wordId": 1563, "word": "countless", "mean": " adj. 无数的，数不尽的", "v": null,…},

{"wordId": 1583, "word": "reversible", "mean": " adj. 可逆的(双向的,回行的,可反转的)", "v": null,…}

],

"oldWords":[]

}

}

注：由于获取计划返回结果有点长，这里就不展示全部，可以自己调用。

1. 同步每日计划结果

请求地址：

123.207.39.21:8098/translate/task/synchronize/TaskResult

POST请求

请求参数：

{"taskId":3,"userId":13121,"status":30,"completeDate":"2017/06/26","wordReciteResults":[{"wordId":1565,"proficiency":10},{"wordId":1566,"proficiency":50},{"wordId":1567,"proficiency":50},{"wordId":1568,"proficiency":50},

{"wordId":1569,"proficiency":10},{"wordId":1570,"proficiency":10},{"wordId":1571,"proficiency":10},{"wordId":1572,"proficiency":50},

{"wordId":1573,"proficiency":10},{"wordId":1574,"proficiency":50},{"wordId":1575,"proficiency":50},{"wordId":1576,"proficiency":50},

{"wordId":1577,"proficiency":10},{"wordId":1578,"proficiency":10},{"wordId":1579,"proficiency":50},{"wordId":1580,"proficiency":50},

{"wordId":1581,"proficiency":50},{"wordId":1582,"proficiency":50},{"wordId":1563,"proficiency":50},{"wordId":1583,"proficiency":10}]}

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult": "synchronize success!"

}

1. 获取每日任务详情:

请求地址：<http://123.207.39.21:8098/translate/task/getTaskSummary?planId=36&userId=29&planDate=2017/10/26>

类型：ＧＥＴ

返回结果：

{

"success": true,

"code": "00",

"msg": "成功",

"realResult":{

"planId": 36,

"userId": 29,

"taskDate": 1508947200000,

"newWordsNumber": 20,

"oldWordsNumber": 19,

"total": 39

}

}

小结：目前所有接口正常流程测试已完成，异常情况尚未测试，调用期间若有任何问题，或接口需要变动请及时联系我。