## Environment Information：

Production URL (Tokyo)：http://ec2-18-183-32-51.ap-northeast-1.compute.amazonaws.com:82/boot-museum

## Common Parameters：

**Headers：**

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| local | string | Language for responses. Options:  zh-CN  ja-JP  en-US |

## Get Rooms by Museum ID

Interface Address：/api/app/v2/getRoomList

Request Method：post

Request Parameters：

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| museumId | String | Museum ID |

Response Description:

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| code | int32 | Status code (200 for success, others for failure) |
| message | string | Response message |
| success | boolean | Success flag (true for success) |
| timestamp | int64 | Timestamp |
| result | array | Response data object |

【result】Response Data Object Description:

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| id | string | Room ID |
| name | string | Room name |
| roomNo | int32 | Room number |
| description | string | Room description |
| musicUrl | string | Room background music URL |
| musicName | string | Room background music name |
| musicSize | string | Room background music size |
| resourceAndroidUrl | string | Android resource URL |
| resourceAndroidName | string | Android resource name |
| resourceAndroidSize | string | Android resource size |
| resourceIosUrl | string | iOS resource URL |
| resourceIosName | string | iOS resource name |
| resourceIosSize | string | iOS resource size |
| resourceUrl | string | Resource URL |
| resourceName | string | Resource name |
| resourceSize | string | Resource size |
| delFlag | int32 | Delete flag |
| createBy | string | Creator ID |
| createTime | string | Creation time (yyyy-MM-dd HH:mm:ss) |
| updateBy | string | Updater ID |
| updateTime | string | Modification time (yyyy-MM-dd HH:mm:ss) |
| showMuseumId | string | Associated museum ID |
| resourceSceneName | string | Scene resource URL |
| resourceSceneSize | string | Scene resource name |
| resourceSceneUrl | string | Scene resource size |
| freeFlag | int32 | Free flag: 0 for paid, 1 for free (Regardless of whether it is paid, call the payment method interface when entering the room. If no data is returned, it means the room status has not changed in the backend.) |

Response Example：

{

**"code"**:**200**,

**"message"**:**"Operation successful!"**,

**"result"**:[

        {

**"createBy"**:**"test"**,

**"createTime"**:**"2022-06-20 22:12:32"**,

**"delFlag"**:**0**,

**"description"**:**"xxx"**,

**"id"**:**"1538887524272898050"**,

**"musicName"**:**"BGM1223.mp3"**,

**"musicSize"**:**"10.22M"**,

**"musicUrl"**:**"[https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/musicUrl/7AND5-Driftwood(feat.Stella13)\_1656121678625.mp3](https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/musicUrl/7AND5-Driftwood(feat.Stella13)_1656121678625.mp3" \t "https://www.json.cn/_blank)"**,

**"name"**:**"xxx"**,

**"resourceAndroidName"**:**"7AND5-Driftwood(feat.Stella13)\_1656121678625.mp3"**,

**"resourceAndroidSize"**:**"10.22M"**,

**"resourceAndroidUrl"**:**"[https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/resourceAndroidUrl/7AND5-Driftwood(feat.Stella13)\_1656121678625\_1657709149924.mp3](https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/resourceAndroidUrl/7AND5-Driftwood(feat.Stella13)_1656121678625_1657709149924.mp3" \t "https://www.json.cn/_blank)"**,

**"resourceIosName"**:**"7AND5-Driftwood(feat.Stella13)\_1656121678625.mp3"**,

**"resourceIosSize"**:**"10.22M"**,

**"resourceIosUrl"**:**"[https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/resourceIosUrl/7AND5-Driftwood(feat.Stella13)\_1656121678625\_1657709156076.mp3](https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/resourceIosUrl/7AND5-Driftwood(feat.Stella13)_1656121678625_1657709156076.mp3" \t "https://www.json.cn/_blank)"**,

**"resourceName"**:**"paintingmodulescene01.scene"**,

**"resourceSize"**:**"9.37M"**,

**"resourceUrl"**:**"[https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/resourceUrl/paintingmodulescene01\_1657274579628.scene](https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/resourceUrl/paintingmodulescene01_1657274579628.scene" \t "https://www.json.cn/_blank)"**,

**"roomNo"**:**1**,

**"updateBy"**:**"jingyi"**,

**"updateTime"**:**"2022-07-13 18:46:11"**,

**"showMuseumId"**:**"1456837915288096769"**,

**"resourceSenceName"**:**"paintingmodulescene01.scene"**,

**"resourceSenceSize"**:**"9.37M"**,

**"resourceSenceUrl"**:**"[https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/resourceUrl/paintingmodulescene01\_1657274579628.scene](https://awsjingyi.s3.cn-northwest-1.amazonaws.com.cn/ia/room/resourceUrl/paintingmodulescene01_1657274579628.scene" \t "https://www.json.cn/_blank)"**,

**"freeFlag"**:**0**

        }

    ],

**"success"**:**true**,

**"timestamp"**:**1657709559789**

}

## Get Payment Method

Interface Address：/api/app/v2/queryPayMode

Request Method：post application/x-www-form-urlencoded

Request Parameters：

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| platform | String | Required. Platform (GMO/IOS/Android) |
| museumId | String | Required. Museum ID |
| roomId | String | Required. Room ID |

Response Description:

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| code | int32 | Status code (200 for success, others for failure) |
| message | string | Response message |
| success | boolean | Success flag (true for success) |
| timestamp | int64 | Timestamp |
| result | Array | Response data object |

【result】Response Data Object Description:

|  |  |  |
| --- | --- | --- |
| id | String | Payment method ID |
| vipFee | string | VIP fee (JPN) |
| timeLimit | Int32 | VIP duration (days) |
| discountCode | string | Discount code |
| discountFee | String | Discounted price |
| afterDiscountFee | String | Price after discount |
| status | Int32 | Status ("Disabled\_0", "Enabled\_1") |
| showMuseumId | String | Associated museum ID |
| delFlag | Int32 | Delete flag |
| createBy | string | Creator ID |
| createTime | string | Creation time (yyyy-MM-dd HH:mm:ss) |
| updateBy | string | Updater ID |
| updateTime | string | Modification time (yyyy-MM-dd HH:mm:ss) |
| platform | string | Platform (same as request parameter) |
| orderType | string | Order type (Consumable/Non-Consumable/Subscription) |
| showRoomId | string | Room ID |

Response Example：

{  
    **"code"**:**200**,  
    **"message"**:**"Query successful!"**,  
    **"result"**:[  
        {  
            **"afterDiscountFee"**:**300**,  
            **"createBy"**:**"VWJ"**,  
            **"createTime"**:**"2023-04-03 11:36:19"**,  
            **"delFlag"**:**0**,  
            **"discountCode"**:**"5jpxj"**,  
            **"discountFee"**:**200**,  
            **"id"**:**"1642732735406653442"**,  
            **"showMuseumId"**:**"1456837915288096769"**,  
            **"status"**:**1**,  
            **"timeLimit"**:**20**,  
            **"updateBy"**:**"VWJ"**,  
            **"updateTime"**:**"2023-04-03 14:07:30"**,  
            **"vipFee"**:**500**,  
 **"showRoomId"**:**"1456837915288096769"**,

**"platform"**:**"IOS"**,

**"orderType"**:**"Consumable"**  
        }  
    ],  
    **"success"**:**true**,  
    **"timestamp"**:**1681045359311**  
}

## Create Order

Interface Address：/api/app/v2/creatOrder

Request Method：post application/x-www-form-urlencoded

Request Parameters：

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| Platform | String | Required. Platform |
| museumId | String | Required. Museum ID |
| roomId | String | Required. Room ID |
| userId | String | Required. User ID |
| vipFeeId | String | Required. Payment method ID |
| discountCode | String | Discount code |

Response Description:

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| code | int32 | Status code (200 for success, others for failure) |
| message | string | Response message |
| success | boolean | Success flag (true for success) |
| timestamp | int64 | Timestamp |
| result | Object |  |

【result】Response Data Object Description:

|  |  |  |
| --- | --- | --- |
| orderId | String | Order ID |
| orderUrl | string | GMO payment URL |

Response Example-GMO：

{  
    **"code"**:**200**,  
    **"message"**:**"Order created successfully"**,  
    **"result"**:{  
        **"orderUrl"**:**"[https://stg.link.mul-pay.jp/v2/plus/tshop00055601/checkout/cd370520a2e5b9108ca73a25f39756259e94f04d250f73895a7a6bfeff2a197a](https://stg.link.mul-pay.jp/v2/plus/tshop00055601/checkout/cd370520a2e5b9108ca73a25f39756259e94f04d250f73895a7a6bfeff2a197a" \t "https://www.json.cn/_blank)"**,  
        **"orderId"**:**"1645053471622381569"**  
    },  
    **"success"**:**true**,  
    **"timestamp"**:**1681046287224**  
}

Response Example-IOS：

{  
    **"code"**:**200**,  
    **"message"**:**"Order created successfully"**,  
    **"result"**:{  
        **"orderUrl"**:**""**,  
        **"orderId"**:**"1645053471622381569"**  
    },  
    **"success"**:**true**,  
    **"timestamp"**:**1681046287224**  
}

## 接收订单支付结果

Interface Address：/api/app/notifyOrderByApp

Request Method：post application/x-www-form-urlencoded

Request Parameters：

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| orderId | String | Required. Order ID |
| amount | Double | Required. Actual paid amount |

Response Description:

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| code | int32 | Status code (200 for success, others for failure) |
| message | string | Response message |
| success | boolean | Success flag (true for success) |
| timestamp | int64 | Timestamp |
| result |  |  |

Response Example：

{  
    **"code"**:**200**,  
    **"message"**:**"success"**,  
    **"result"**:**null**,  
    **"success"**:**true**,  
    **"timestamp"**:**1681047189679**  
}

## User Authentication Interface

Interface Address：/api/app/v2/checkAuth

Request Method：post application/x-www-form-urlencoded

Request Parameters：

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| roomId | String | Required. Room ID |
| museumId | String | Required. Museum ID |
| userId | String | Required. User ID |

Response Description:

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| code | int32 | Status code (200 for success, 401 for expiration and need to pop up payment options, others for failure) |
| message | string | Response message |
| success | boolean | Success flag (true for success) |
| timestamp | int64 | Timestamp |
| result | String | Expiration time |

Response Example:

{  
    **"code"**:**200**,  
    **"message"**:**"success"**,  
    **"result"**:**"2023-04-29 21:30:03"**,  
    **"success"**:**true**,  
    **"timestamp"**:**1681047189679**  
}

## Get Payment Management Page Information

Interface Address：/api/app/v2/getPayManagementInfo

Request Method：post application/x-www-form-urlencoded

Request Parameters：

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| museumId | String | Required. Museum ID |
| roomId | String | Required. Room ID |
| userId | String | Required. User ID |

Response Description:

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| code | int32 | Status code (200 for success, others for failure) |
| message | string | Response message |
| success | boolean | Success flag (true for success) |
| timestamp | int64 | Timestamp |
| result | Object | Payment management information |

Payment management information:

|  |  |  |
| --- | --- | --- |
| id | String | Order ID |
| payFee | Double | Payment amount |
| payTime | String | Payment time |
| showMuseumName | String | Museum name |
| showRoomName | String | Room name |
| expirationTime | String | Expiration time |
| isDiscount | Int32 | Whether discount code is used ("No\_0", "Yes\_1") |
| discountCode | String | Discount code |

Response Example：

{  
    **"code"**:**200**,  
    **"message"**:**"Query successful!"**,  
    **"result"**:{  
        **"discountCode"**:**"5jpxj"**,  
        **"expirationTime"**:**"2023-10-06 21:30:03"**,  
        **"id"**:**"1648252865670549506"**,  
        **"isDiscount"**:**1**,  
        **"payFee"**:**300**,  
        **"payTime"**:**"2023-04-18 17:55:02"**,  
        **"showMuseumName"**:**"Hirayama",**

**"showRoomName"**:**"Hirayama"**  
    },  
    **"success"**:**true**,  
    **"timestamp"**:**1682424219500**  
}

## Get Order List

Interface Address：/api/app/v2/getOrderList

Request Method：post application/x-www-form-urlencoded

Request Parameters：

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| museumId | String | Required. Museum ID |
| roomId | String | Required. Room ID |
| userId | String | Required. User ID |
| pageNo | String | Required. Page number |
| pageSize | String | Required. Number of items per page |

Response Description:

|  |  |  |
| --- | --- | --- |
| Field Name | Type | Remarks |
| code | int32 | Status code (200 for success, others for failure) |
| message | string | Response message |
| success | boolean | Success flag (true for success) |
| timestamp | int64 | Timestamp |
| result | Array | Order information |

Order information

|  |  |  |
| --- | --- | --- |
| id | String | Order ID |
| orderTime | String | Order time |
| payTime | String | Payment time |
| expirationTime | String | Expiration time |
| showMuseumId | String | Associated museum ID |
| showUserEmail | String | User email |
| orderFee | String | Order amount |
| discountFee | String | Discounted amount |
| isDiscount | Int32 | Whether discount code is used ("No\_0", "Yes\_1") |
| discountCode | String | Discount code |
| afterDiscountFee | String | Amount after discount |
| payFee | String | Payment amount |
| showUserId | String | Purchaser ID |
| renewTime | String | Renewal duration (days) |
| productId | String | Product ID (payment method ID) |
| productName | String | Product name |
| status | Int32 | Status (Unpaid\_0, Paid\_1) |
| createBy | string | Creator ID |
| createTime | string | Creation time (yyyy-MM-dd HH:mm:ss) |
| updateBy | string | Updater ID |
| updateTime | string | Modification time (yyyy-MM-dd HH:mm:ss) |
| platform | string | Platform |
| orderType | string | Order type |
| showRoomId | string | Room ID |

Response Example：

{  
    **"code"**:**200**,  
    **"message"**:**"Query successful!"**,  
    **"result"**:[  
        {  
            **"afterDiscountFee"**:**300**,  
            **"createBy"**:**null**,  
            **"createTime"**:**"2023-04-09 21:24:15"**,  
            **"discountCode"**:**"5jpxj"**,  
            **"discountFee"**:**200**,  
            **"id"**:**"1645055016824946689"**,  
            **"isDiscount"**:**1**,  
            **"orderFee"**:**500**,  
            **"orderTime"**:**"2023-04-09 21:24:15"**,  
            **"payFee"**:**300**,  
            **"payTime"**:**"2023-04-09 21:40:02"**,  
            **"productId"**:**"1642732735406653442"**,  
            **"productName"**:**"Hirayama+20D"**,  
            **"renewTime"**:**20**,  
            **"showMuseumId"**:**"1456837915288096769"**,  
            **"showUserEmail"**:**"904980264@qq.com"**,  
            **"showUserId"**:**"1543546240469626882"**,  
            **"status"**:**1**,  
            **"updateBy"**:**null**,  
            **"updateTime"**:**"2023-04-09 21:40:03",**

**"platform"**:**"IOS",**

**"orderType"**:**"Consumable",**

**"showRoomId"**:**"1243052116324946689"**  
        }  
    ],  
    **"success"**:**true**,  
    **"timestamp"**:**1681047622820**  
}