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| **iKidsTV** |
| Quiz Interface |
|  |
|  |
| Version: 1.0 |
|  |

Project ID No.: 2008000264

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Best Shore Application Services

China Center

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Best Shore Application Services

China Center

# Notice

Document Revision History

| Ver. No. | Ver. Date | Prepared By | Reviewed By | Approved By | Affected Section & Summary of Change |
| --- | --- | --- | --- | --- | --- |
| 1.0 | 2014-2-12 | Zhang Wei | Wang Kun |  | Draft |
| 1.1 | 2014-2-13 | Zhang Wei |  |  | Revised by Wang Kun’s comments  Add API for episode to check quiz existence  Revise some error in json format |
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# Preface

## About this Guide

This guide gives a detailed description on the interface between app client and quiz server.

## Audience

This document aims to be used by developer and architecture designer.

References:

## Conventions

|  |  |
| --- | --- |
| Courier Text | It is used for filenames and their contents, computer inputs or outputs, program codes, and so on. |
| Italicized text | It is used for labels, parameters, emphasized text, and replaceable text. |
| bold text | It is used to indicate navigation options in the interfaces; for example, the text appearing in buttons and menu items. |
| <angle brackets> | Indicates generic variable names that must be substituted by real values or strings. |

## Abbreviations

|  |  |
| --- | --- |
| App client | iOS and Android client |

# Check Quiz Existence for Season

## Interface url

This interface is used to tell client whether the episode has related episode.

/checkQuizExistence.do?seasonId=${seasonId}&device=${device}&minAge=${minAge}&maxAge=${maxAge}&level=${level}&version=${version}

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required | Description |
| seasonId | YES | The unique season id |
| device | YES | The device type [Android,IPhone,IPad] |
| minAge | YES | The min age to filter quiz for user |
| maxAge | YES | The max age to filter quiz for user |
| level | YES | The level to filter quiz for user[a1,a2,a3,b1,b2,b3,c1,c2,c3] |
| version | YES | The client version |

## Error Response

{message:””,code=””}

|  |  |
| --- | --- |
| Error Code | Description |
| 100000 | System Error |
| 100001 | This client version will never be supported, please upgrade this client first |
| 200000 | Illegal parameter |

## Success Response

{code=”0”,result:[{“00868473-89df-4f84-8b2d-77ff04f18899”:true}, {“01e3b008-3141-4e82-afd6-7a11448f1357”:false}, {“05fda1d6-9264-4c4c-93dc-8b8dc0de8d4d”:false}]}

# Check Quiz Existence for Episode

## Interface url

This interface is used to tell client whether the episode has related episode.

/checkQuizExistence.do?episodeIds=${episodeIds}&device=${device}&minAge=${minAge}&maxAge=${maxAge}&level=${level}&version=${version}

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required | Description |
| episodeIds | YES | The comma split episode ids |
| device | YES | The device type [Android,IPhone,IPad] |
| minAge | YES | The min age to filter quiz for user |
| maxAge | YES | The max age to filter quiz for user |
| level | YES | The level to filter quiz for user[a1,a2,a3,b1,b2,b3,c1,c2,c3] |
| version | YES | The client version |

## Error Response

{message:””,code=””}

|  |  |
| --- | --- |
| Error Code | Description |
| 100000 | System Error |
| 100001 | This client version will never be supported, please upgrade this client first |
| 200000 | Illegal parameter |

## Success Response

{code=”0”, result:[{“00868473-89df-4f84-8b2d-77ff04f18899”:true}, {“01e3b008-3141-4e82-afd6-7a11448f1357”:false}, {“05fda1d6-9264-4c4c-93dc-8b8dc0de8d4d”:false}]}

# Query Quiz for Episode

## Interface url

This interface is used to provide all of quiz metadata to client.

/queryQuiz.do?episodeId=${episodeId}&device=${device}&minAge=${minAge}&maxAge=${maxAge}&level=${level}&version=${version}

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required | Description |
| episodeId | YES | The unique episode id |
| device | YES | The device type [Android,IPhone,IPad] |
| minAge | YES | The min age to filter quiz for user |
| maxAge | YES | The max age to filter quiz for user |
| level | YES | The level to filter quiz for user |
| version | YES | The client version |

## Error Response

{message:””,code=””}

|  |  |
| --- | --- |
| Error Code | Description |
| 100000 | System Error |
| 100001 | This client version will never be supported, please upgrade this client first |
| 200000 | Illegal parameter |

## Success Response

Type Enumeration:

MultiChoice1

MultiChoice2,

MultiChoice3

Matching

Bingo

Sequence

CatchItWord

CatchItSentence

WordSearch

FindDifference

StoryTelling

Record: All of records, pictures are http url

{code=”0”, result:[{type:”MultiChoice1”,…},{type:”MultiChoice2”,…},…]}

### MultiChoice1

{type:”MultiChoice1”, id:”1”,title:””,titleRecord:””,word1:””,record1:””,word2:””,record2:””,word3:””,record3:””}



### MultiChoice2

{type:”MultiChoice2”, id:”2”,title:””,titleRecord:””,picture1:””,picture2:””,picture3:””,answer1:”true”,answer2:”false”,answer3:”false”}



### MultiChoice3

{type:”MultiChoice3”,id:”3”,title:””,titleRecord:””, titlePicture:””,word1:””,record1:””,word2:””,record2:””,word3:””,record3:””,answer1:”true”,answer2:”false”,answer3:”false”}



### Matching

{type:”Matching”,id:”4”,word1:””,picture1:””,word2:””,picutre2:””,word3:””,picutre3:””,answer1:”true”,answer2:”false”,answer3:”false”}



### Bingo

{type:”Bingo”,id:”5”,word1:””,record1:””,word2:””,record2:””,word3:””,record3:””,… word16:””,record16:””}



### Sequence

{type:”Sequence”,id:”5”,word1:””,picture1:””,record1:””,word2:””,picture2:””,record2:””,word3:””,picture3:””,record3:””, word16:””,picture4:””,record16:””}



### CatchItWord

{type:”CatchItWord”,id:”5”,word1:””,word2:””,word3:””,word4:””,word5:””,word6:””,word7:””,word8:””,answer1:true,answer2:true,answer3:true,answer4:true,answer5:false,answer6:false,answer7:false,answer8:false}



### CatchItSentence

{type:”CatchItSentence”,id:”5”,word1:””,word2:””,word3:””,word4:””,word5:””,word6:””,word7:””,word8:””,answer1:true,answer2:true,answer3:true,answer4:true,answer5:false,answer6:false,answer7:false,answer8:false}



### WordSearch

{type:”WordSearch”,id:”5”,word1:””,word2:””,word3:””,word4:””,word5:””}



### FindDifference

{type:”FindDifference”,id:”5”,picture1:””,picture2:””,coordinates:[{x:15,y:15},{x:20,y:20}]}



### StoryTelling

{type:”StoryTelling”,id:”5”,backgroundPicture:””,picture1:””,picture2:””,picture3:””,picture4:”” }

