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

Project ID No.: 2008000264

Version 1.4.1GA

Best Shore Application Services

China Center

Prepared by: Zhang, Wei & Li, JingJing

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 |
| 1.2 | 2014-2-21 | Zhang Wei |  |  | Remove age parameter |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# Table of Contents

[Notice 3](#_Toc380749167)

[Document Revision History 3](#_Toc380749168)

[Table of Contents 4](#_Toc380749169)

[List of Figures 5](#_Toc380749170)

[List of Tables 6](#_Toc380749171)

[Preface 7](#_Toc380749172)

[About this Guide 7](#_Toc380749173)

[Audience 7](#_Toc380749174)

[Conventions 7](#_Toc380749175)

[Abbreviations 7](#_Toc380749176)

[1 Check Quiz Existence for Season 9](#_Toc380749177)

[1.1 Interface url 9](#_Toc380749178)

[1.2 Error Response 9](#_Toc380749179)

[1.3 Success Response 9](#_Toc380749180)

[2 Check Quiz Existence for Episode 9](#_Toc380749181)

[2.1 Interface url 10](#_Toc380749182)

[2.2 Error Response 10](#_Toc380749183)

[2.3 Success Response 10](#_Toc380749184)

[3 Query Quiz for Episode 10](#_Toc380749185)

[3.1 Interface url 10](#_Toc380749186)

[3.2 Error Response 11](#_Toc380749187)

[3.3 Success Response 11](#_Toc380749188)

[3.3.1 MultiChoice1 11](#_Toc380749189)

[3.3.2 MultiChoice2 12](#_Toc380749190)

[3.3.3 MultiChoice3 13](#_Toc380749191)

[3.3.4 Matching 14](#_Toc380749192)

[3.3.5 Bingo 15](#_Toc380749193)

[3.3.6 Sequence 16](#_Toc380749194)

[3.3.7 CatchItWord 17](#_Toc380749195)

[3.3.8 CatchItSentence 18](#_Toc380749196)

[3.3.9 WordSearch 19](#_Toc380749197)

[3.3.10 FindDifference 20](#_Toc380749198)

[3.3.11 StoryTelling 21](#_Toc380749199)

# List of Figures

**No table of figures entries found.**

# List of Tables

**No table of figures entries found.**

# 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}&level=${level}&version=${version}

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required | Description |
| seasonId | YES | The unique season id |
| device | YES | The device type [Android,IPhone,IPad] |
| 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}&level=${level}&version=${version}

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required | Description |
| episodeIds | YES | The comma split episode ids |
| device | YES | The device type [Android,IPhone,IPad] |
| 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}&level=${level}&version=${version}

|  |  |  |
| --- | --- | --- |
| Parameter Name | Required | Description |
| episodeId | YES | The unique episode id |
| device | YES | The device type [Android,IPhone,IPad] |
| 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:”” }

