

Branded Android Player User Guide

Customizable for your logo and the DNS or IP of your server

www.ezhomotech.com

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1. Introduction

Branded Android Player is customizable for your logo and the DNS or IP of your server. You will have your own branded Android player where your users can download and install it. It is an easy-to-use streaming player on android device with **MAC Address protection** that can let you watch Live / DVR Channels and Video on Demand from EZserver.

Features:

- Live Channels
- DVR Channels
- Video on Demand



2. Software Requirement

Items	Version
EZhomotech EZserver	Release 1.2
Google Android	5.1 +

3. Hardware Requirement

Items	Specification
Processor	Above 1.0GHz
Memory	At least 1GB for 200 channels
Network Interface	802.11 a/b/g/n
Disk Space	248K bytes

4. Software Specification

General Function
<ul style="list-style-type: none">• OS: above Android 5.x
<ul style="list-style-type: none">• HTTP Streaming Protocol
<ul style="list-style-type: none">• MAC Address protection
<ul style="list-style-type: none">• Support Smart TV, IP STB, Tablet PC, Mobile Phone
<ul style="list-style-type: none">• Support Touch Screen Menu
<ul style="list-style-type: none">• Support Remote Controller
<ul style="list-style-type: none">• Support Video Server: EZserver
<ul style="list-style-type: none">• Automatic App Update
<ul style="list-style-type: none">• Automatic Start
IPTV/OTT
<ul style="list-style-type: none">• Video Streaming From EZserver
<ul style="list-style-type: none">• Channel Selection
<ul style="list-style-type: none">• DVR Channels for play, pause, forward/backward seek
<ul style="list-style-type: none">• Video Format: MPEG2/H264 Transport Stream, Adobe FLV
<ul style="list-style-type: none">• My Favorite
<ul style="list-style-type: none">• Time expired checking
<ul style="list-style-type: none">• Automatic Channel Update
Video On Demand
<ul style="list-style-type: none">• Video Format : MP4, Adobe FLV
<ul style="list-style-type: none">• Playback : Pause, Play, Resume, Forward/Backward Seek
<ul style="list-style-type: none">• Menu Bar for Movie Category
<ul style="list-style-type: none">• Automatic and Real-Time Movie Category Update
<ul style="list-style-type: none">• Easy-to-Use Playback Menu
Setting
<ul style="list-style-type: none">• User Name and Password
<ul style="list-style-type: none">• EZserver Domain Name / IP
<ul style="list-style-type: none">• Port No.
<ul style="list-style-type: none">• Setting Protection by Password

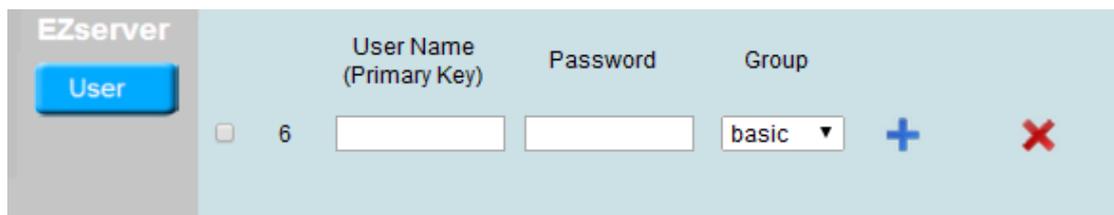
5. Create New User

- Click User button and click + button.



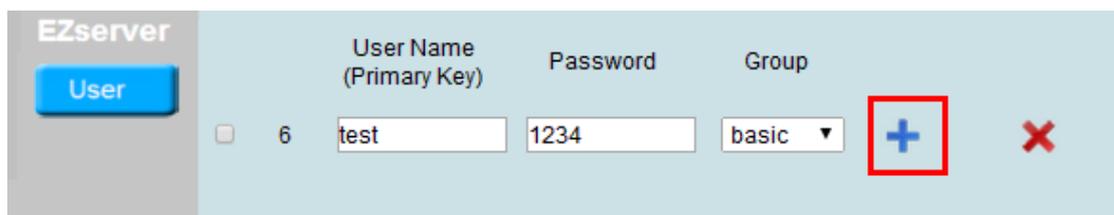
The screenshot shows the EZserver interface with a sidebar containing a 'User' button. The main area has a header with 'MAC ID' and 'Reseller'. Below the header is a form with an empty input field and a red box highlighting a blue '+' button next to a small server icon.

- Panel will show the empty user fields



The screenshot shows the EZserver interface with the 'User' button in the sidebar. The main area has a header with 'User Name (Primary Key)', 'Password', and 'Group'. Below the header is a form with a checkbox, the number '6', and three input fields: 'User Name (Primary Key)', 'Password', and 'Group' (set to 'basic'). A blue '+' button and a red 'X' button are visible at the end of the form.

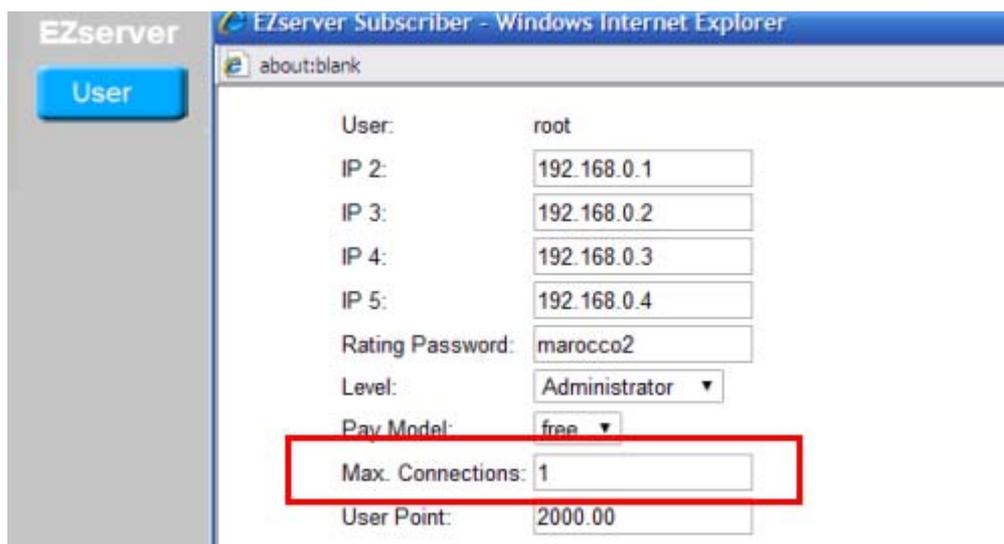
- Input user id, password and etc., then click + button to save it



The screenshot shows the EZserver interface with the 'User' button in the sidebar. The main area has a header with 'User Name (Primary Key)', 'Password', and 'Group'. Below the header is a form with a checkbox, the number '6', and three input fields: 'User Name (Primary Key)' containing 'test', 'Password' containing '1234', and 'Group' set to 'basic'. A blue '+' button and a red 'X' button are visible at the end of the form. The '+' button is highlighted with a red box.

6. User Max. Concurrent Connections

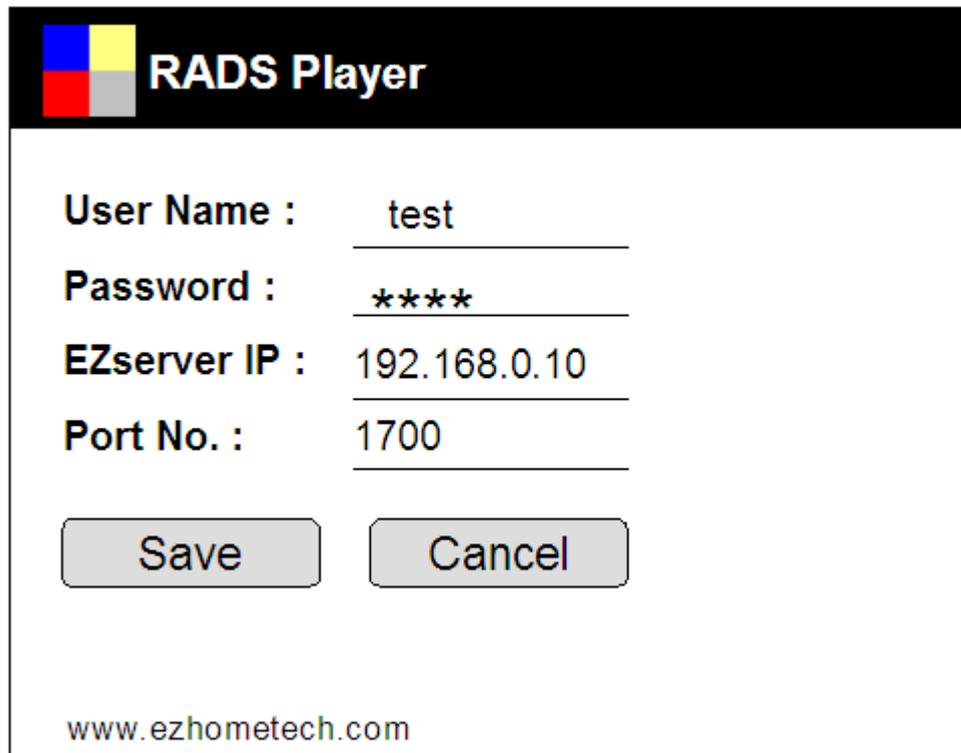
Administrator can click User button and select More icon to set user max. connections as below:



The screenshot shows the EZserver interface with the 'User' button in the sidebar. The main area displays the configuration for a subscriber in a Windows Internet Explorer browser window. The configuration includes fields for 'User' (root), 'IP 2' (192.168.0.1), 'IP 3' (192.168.0.2), 'IP 4' (192.168.0.3), 'IP 5' (192.168.0.4), 'Rating Password' (marocco2), 'Level' (Administrator), 'Pay Model' (free), 'Max. Connections' (1), and 'User Point' (2000.00). The 'Max. Connections' field is highlighted with a red box.

7. Setting

When you start Branded Android Player first time, you have to input EZserver Information into the Setting. The Setting includes User Name, Password, EZserver Domain Name / IP and Port No. as below:



The image shows a screenshot of the RADS Player settings dialog box. The dialog has a black header bar with the RADS Player logo (a 2x2 grid of colored squares: blue, yellow, red, grey) and the text "RADS Player". Below the header, there are four input fields with labels and values:

User Name :	test
Password :	****
EZserver IP :	192.168.0.10
Port No. :	1700

At the bottom of the dialog, there are two buttons: "Save" and "Cancel". Below the buttons, the website address "www.ezhometech.com" is displayed.

8. Main Menu

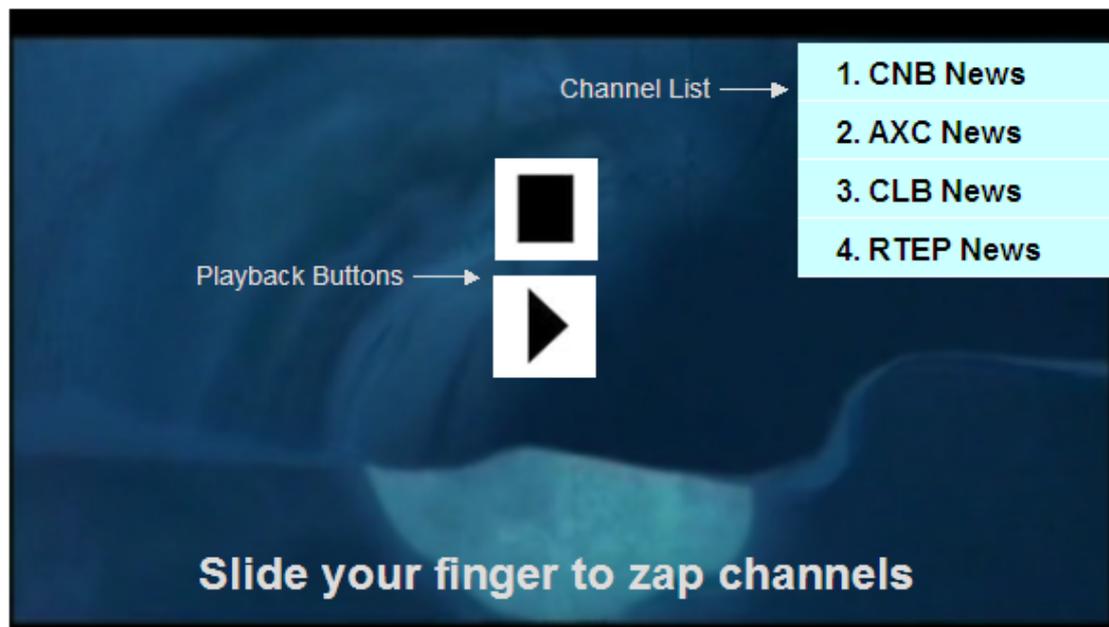
Branded Android Player shows All CH, Channel Categories and Movie on Menu bar, you can switch categories to get movies or channels.



9. Live Channels

When you click a **live channel** icon to watch it, you can click any position of the screen to enable OSD menu for the **channel list** and **playback buttons**.

- For **channel list**, you can slide your finger to select one and click it to watch the selected channel.
- For **playback buttons**,
 - ◆ Click **play button** to disable the OSD menu
 - ◆ Click **stop button** to channel icon menu.
- For **channel zapping**, you can slide your finger from left-to-right or right-to-left to zap a channel.



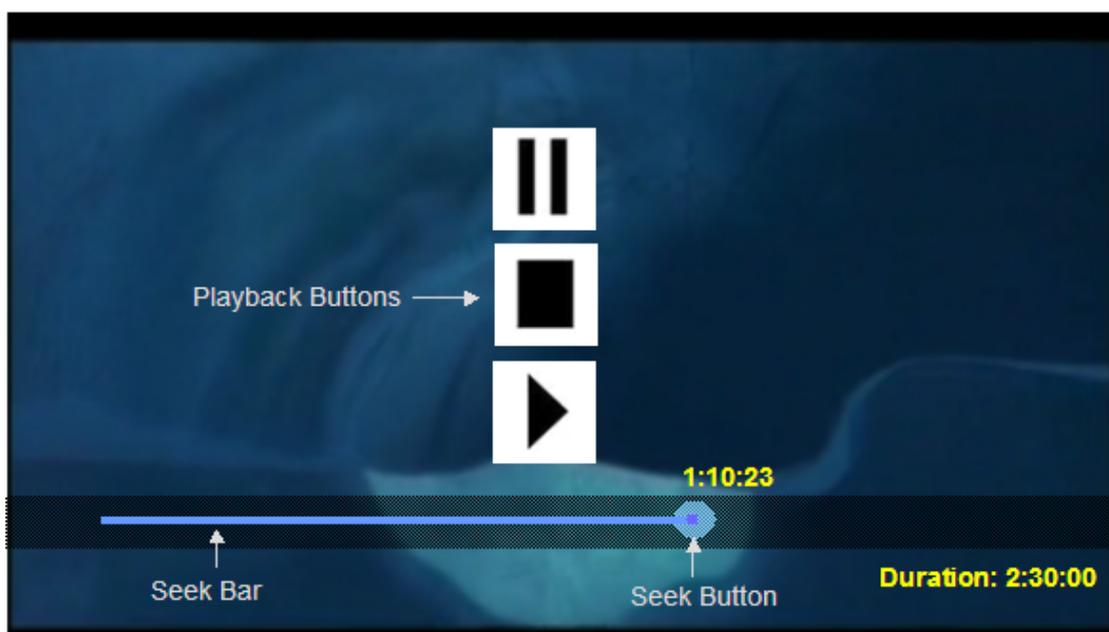
10. Video on Demand

When you click **Movie** item in more menu, you can see movie categories in the top/more menu and movie icons on the screen.



When you click a **movie** icon to watch it, you can click any position of the screen to enable OSD menu for the **seek bar** and **playback buttons**.

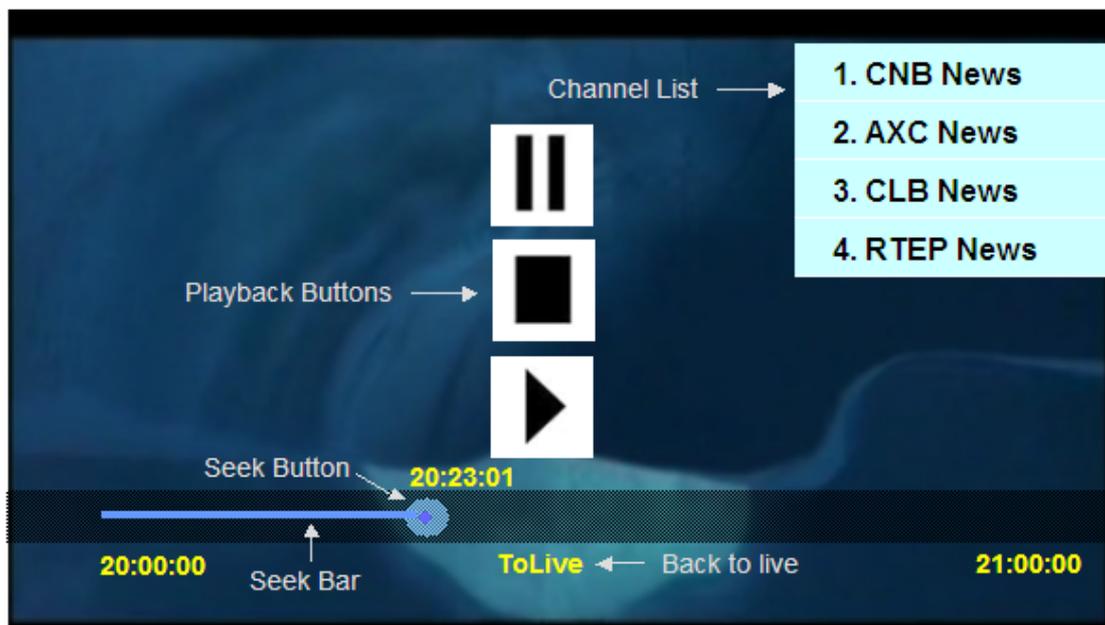
- For **playback buttons**,
 - ◆ Click **play button** to disable the OSD menu or resume the movie.
 - ◆ Click **stop button** to stop movie or **pause button** to pause movie.
- For **seek bar**, you can click drag the **seek button** to forward/backward movie.



11. DVR Channels

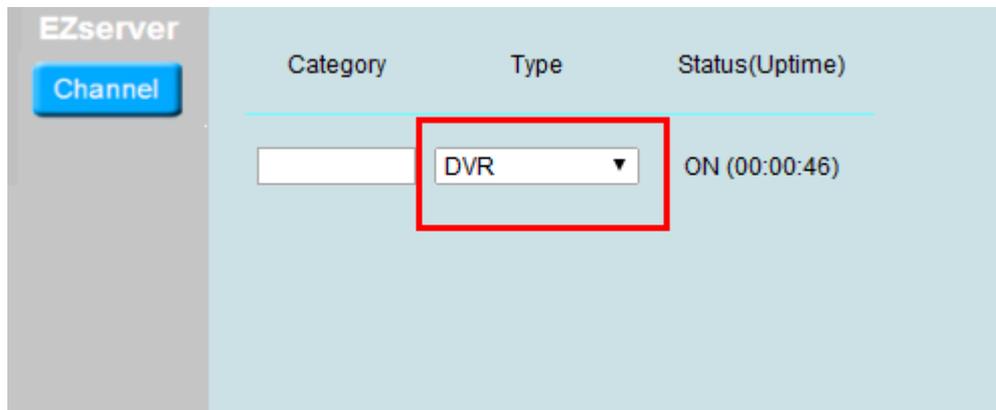
When you click a **dvr channel** icon to watch it, you can click any position of the screen to enable OSD menu for the **channel list**, **seek bar** and **playback buttons**.

- For **channel list**, you can slide your finger to select one and click it to watch the selected channel.
- For **playback buttons**,
 - ◆ Click **play button** to disable the OSD menu
 - ◆ Click **stop button** to channel icon menu.
 - ◆ Click **pause button** to pause the channel.
- For **seek bar**, you can click drag the **seek button** to forward/backward channel.
- For **channel zapping**, you can slide your finger from left-to-right or right-to-left to zap a channel.
- For **ToLive button**, you can watch the live channel back.



12. Create DVR Channel

Click Channel button and set Type to **DVR**, then click Save button.



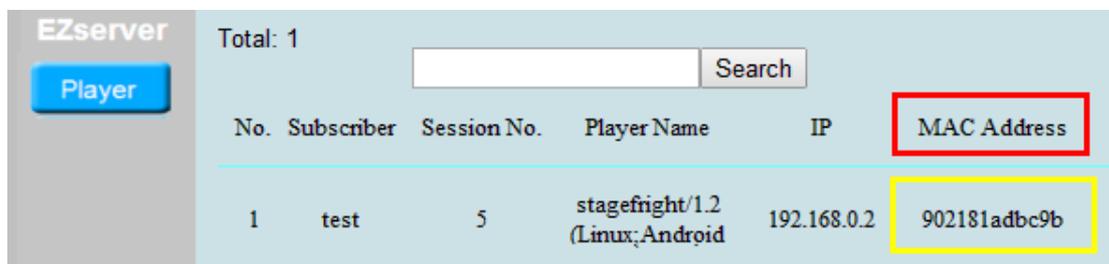
13. MAC Address Protection

Branded Android Player supports MAC Address mechanism with EZserver for Video Streaming Protection.

Administrator can define the player MAC address in MAC ID field of each user in User panel.



When the player connects EZserver, EZserver will check its MAC Address for the legal connection. If the player has correct MAC Address with its user name, EZserver will show its connection in Player panel with its MAC Address.



14. App Update

- Upload new apk (**radsplayer.apk**) into server folder: **ezserver_prof/apk/**
- Run App to update it automatically.

15. Channel Icon and Category Customization

Channel icons and categories are defined in the icon path and category field of each channel in the EZserver Panel



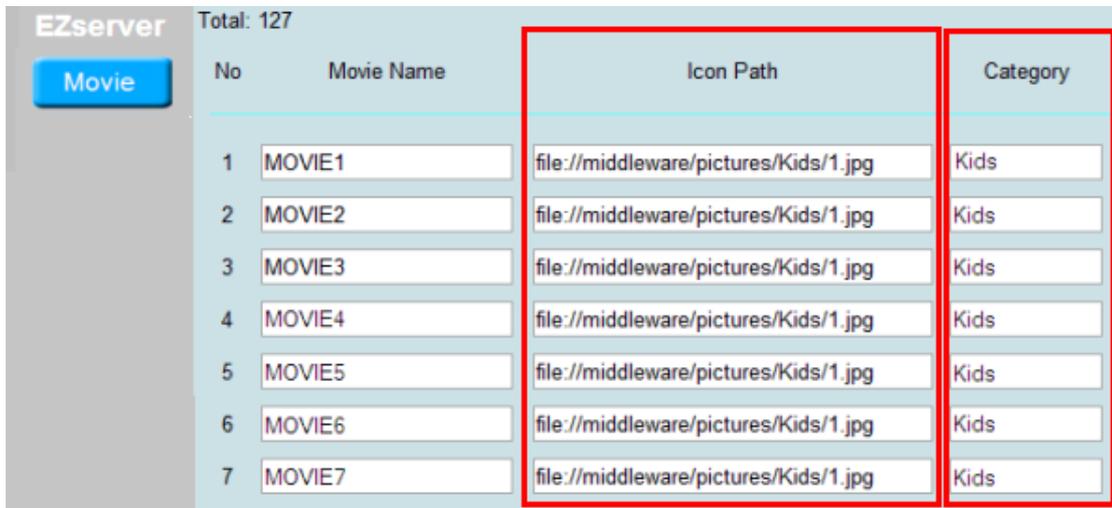
No.	Channel Name	Icon Path	Category
1	TV1	file://middleware/pictures/Sports/1.jp	English
2	TV2	file://middleware/pictures/Sports/2.jp	English
3	TV3	file://middleware/pictures/Sports/3.jp	English
4	TV4	file://middleware/pictures/Sports/4.jp	Germany
5	TV5	file://middleware/pictures/Sports/5.jp	Germany
6	TV6	file://middleware/pictures/Sports/6.jp	France
7	TV7	file://middleware/pictures/Sports/7.jp	France

The icon property is as below:

- Size: 242x350 pixels
- Image format: jpg
- File extension name: .jpg

16. Movie Icon and Category Customization

Movie icons and categories are defined in the icon path and category field of each movie in the EZserver Panel.



The screenshot shows the EZserver interface with a 'Movie' button and a table of 7 movie entries. The 'Icon Path' and 'Category' columns are highlighted with a red box. The table data is as follows:

No	Movie Name	Icon Path	Category
1	MOVIE1	file://middleware/pictures/Kids/1.jpg	Kids
2	MOVIE2	file://middleware/pictures/Kids/1.jpg	Kids
3	MOVIE3	file://middleware/pictures/Kids/1.jpg	Kids
4	MOVIE4	file://middleware/pictures/Kids/1.jpg	Kids
5	MOVIE5	file://middleware/pictures/Kids/1.jpg	Kids
6	MOVIE6	file://middleware/pictures/Kids/1.jpg	Kids
7	MOVIE7	file://middleware/pictures/Kids/1.jpg	Kids

The icon property is as below:

- Size: 242x350 pixels
- Image format: jpg
- File extension name: .jpg