



## Kaboore SDK for Android (Version 2.0)

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### Description

Kaboore SDK offers the possibility to add a 360 Image and 360 Video full featured player to your apps and WEB site. In a very easy way you will be able to create VR 360 video / images based apps.

#### **Interaction**

Kaboore lets you interact with your videos by using the touch display or the motion-based sensors.

#### **HotSpots**

Create even richer apps with our innovative and intuitive Hotspot technology. Just select where you want to add a Hotspot in your video's 3D virtual Space and time, set their appearance. When the Hotspot is touched, clicked, watched... you will be free to add any action:

- Link with other videos (Story- Telling)
- Adds
- Augmented information.

The hotspot technology is also compatible with VR mode for Google CardBoard or similar devices with our CrossHair interaction and events.

### CMS / API

Use our Kaboore CMS / API in order to manage your videos in your different applications.

## Samples

With our trial package, you will have access to several samples.

## Specifications / Features

### Features

Visualization (Image / Video)	360 Simple VR 360 – Google Cardboard (or Similar) VR 360 3D – SideBySide / TopDown Regular Video VR Regular Video
Interaction	Touch Motion-Control
Aspect Ratio Manipulation	Yes
Field of view manipulation	Yes (Both X,Y)
Angle Control	Yes
Hotspot	Simple: Touch interaction VR: CrossHair Interaction: OnOver, OnClick, OnFocusLost
UI	Customizable

### Audio / Video Formats

Supported Video codecs	Compatible with Android Media formats as is defined in <a href="https://developer.android.com/guide/appendix/media-formats.html">https://developer.android.com/guide/appendix/media-formats.html</a>
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Max Video Frame-rate	60 FPS → Device/Application capability dependent
Audio Codecs	Compatible with Android Media formats as is defined in <a href="https://developer.android.com/guide/appendix/media-formats.html">https://developer.android.com/guide/appendix/media-formats.html</a>
Audio/video container formats	MP4 HLS / M3U8  Compatible with Android Media formats as is defined in <a href="https://developer.android.com/guide/appendix/media-formats.html">https://developer.android.com/guide/appendix/media-formats.html</a>

## OS

Android Version	Android 4.4.2 and higher
Minimum required permissions in AndroidManifest.xml	<pre>&lt;uses-permission android:name="android.permission.ACCESS_WIFI_STATE" /&gt;</pre> <ul style="list-style-type: none"> <li>• <pre>&lt;uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" /&gt;</pre></li> <li>• <pre>&lt;uses-permission android:name="android.permission.INTERNET" /&gt;</pre></li> </ul>

- `<uses-permission android:name="android.permission.READ_EXTERNAL_STORAGE" />`
- `<uses-permission android:name="android.permission.WRITE_EXTERNAL_STORAGE" />`
- `<uses-permission android:name="android.permission.WAKE_LOCK" />`
- `<uses-permission android:name="android.permission.READ_PHONE_STATE" />`
- `<uses-permission android:name="com.android.vending.CHECK_LICENSE" />`