



DISCRETIX DRM FRAMEWORK PLAYREADY

DRM ASSIST FOR RECOMMENDED PLUGIN INSTALLATION GUIDE AND USER MANUAL

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1 Installation steps

1. Install the application DrmAssist-Recommended.apk

```
adb install DrmAssist-Recommended.apk
```

2. Download or push the following test contest to /mnt/sdcard/video

- 2.1 SuperSpeedway_720_230.ismv

(can be downloaded from here:

http://playready.directtaps.net/smoothstreaming/SSWSS720H264PR/SuperSpeedway_720_230.ismv)

- 2.2 Bear_video_opls0.pye

(can be downloaded from here:

http://playready.directtaps.net/pr/public/media/1044/Bear_Video_OPLs0.pyv?r=enveloped)

3. Make sure you have network connection (either wi-fi or data plan)

2 Testing Steps

1. Launch DrmAssist-Recommended
2. Navigate to /mnt/sdcard/video
3. Select SuperSpeedway_720_230.ismv
 - i. In the opened menu, acquire license by either:
 1. "Acquire Rights by plugin"
 2. "Acquire Rights by application"And make sure it was successful
 - ii. Select any other menu item to run the test.

NOTE! (after running "remove Rights" some test may be failed , and you will have to acquire license again)

2.1 About "Decrypt session Tests"

The menu item "Decrypt session test" is testing using the native decryption api's.

1. For the .ismv file, these are the test scenarios:
 - i. Case 1
 1. OpenDecryptSession (uri = filepath)
 2. consumeRights
 3. decrypt (decrypted data verified with hard-coded buffer)
 4. closeDecryptSession
 - ii. case 2
 1. OpenDecryptSession (uri = "http-stream-download://")
 2. initializeDecryptUnit (with hard-coded WRMHEADER)
 3. consumeRights
 4. decrypt (decrypted data verified with hard-coded buffer)
 5. finalizeDecryptUnit
 6. closeDecryptSession
2. For the .pye file, these are the test scenarios :
 - i. Case 1
 1. OpenDecryptSession (with OS fd)
 2. consumeRights
 3. pread (decrypted data verified with hard-coded buffer)
 4. closeDecryptSession