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Internship title: Enrich Technoid android app with new DRM and monitor information

Internship description

Context: we are using a small android app named Technoid, developed by a former intern to display DRM information and monitor information on any Technicolor Android TV Set-top box.

Objectives: Enrich existing Technoid android app with new DRM information, HDR monitor information, SoC-specific information (Synaptics, Broadcom, Amlogic) more if time/talent allows. Address Android Pie specifics.

Working Environment: Technicolor TCHR premises,
3rd floor green available desk and laptop

Keywords: Android TV (AOSP), set-top box (STB), user interface (UI), digital rights management (DRM), conditional access (CA), E-EDID CTA-862 (HDMI), HDCP

Associated thematics : Développement informatique

Sub-theme(s) : .,Android TV

Candidate profile :

Software science, Engineer

Required skills:

Java, Android Studio

Fluent english : Yes

Internship duration and dates

5 mois



Stage ref: TCHR_2019-041

Estimated starting date: 2/3/2019

Estimated end date: 6/28/2019

Internship place : Rennes