



Contextual notifications

Background

Users are becoming more and more active in using services that span many devices. One example is Google Chromecast, where the smartphone is the device you interact with while the TV is the device where you consume the actual video.

Accedo AppGrid® is a cloud-based system used by millions of video on demand consumers around the world. This system has real-time knowledge of the users' viewing behaviors, and could potentially be used to figure out if a user has a certain provider's smartphone app installed while at the same time watching video on another device, such as a TV or a console.

Description

The master thesis work would focus on investigating the requirements for building a system that, using AppGrid®, could automatically provide contextually relevant push notifications to the user. For example, if the user starts a video-streaming app on the TV, can the system then automatically send a push notification to the user's phone that will automatically bring up a remote control app for that video-streaming app?

The thesis should attempt to describe business requirements and technical requirements for such a system, as well as provide a proof of concept implementation.

Qualifications

The thesis requires knowledge and interest of programming, as well as knowledge in online services. A personal interest and drive for the technical development of consumer electronics and new ways of using technology is greatly appreciated.

Please send your application, including a resume and cover letter, to thesis@accedo.tv before August 15, 2015.

www.accedo.tv

Thesis work will be carried out in Stockholm. 30hp.

Accedo is the market leading enabler of TV application solutions. Accedo provides applications, tools and services to media companies, consumer electronics and TV operators globally, to help them deliver the next-generation TV experience.

Accedo's cloud-based platform solutions enable customers to cost-efficiently roll out and manage application offerings and stores for multiple devices and markets.

