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Abstract
The purpose of this paper is to develop an embedded system using digital TV terrestrial broadcasting (Digital Video Broadcasting-Terrestrial; DVB-T) and Internet streaming technology, mainly in home or office applications, providing users to watch wireless digital TV programs function.
This research mainly is to apply three subjects (DVB-T digital TV, Linux kernel 2.6 and video streaming) into embedded system. This system uses AT2440EVB-II platform connect digital TV box by USB interface and use streaming technology, user interface will present in webpage format enables the user to control remotely.
All softwares use by this system are open-source or self-developed, provides low development cost.
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