Abstract

This paper describes a well defined and improved system for the human assistance, based on wearable computer vision using Android ICS operating system. The information is traditionally confined to paper or digitally to a screen; in contrast the proposed system introduces an Android tablet based wearable gestural interface to attempt for bringing information out into the tangible world. The system provides an extension to existing gesture interface system by integrating Android Operating system based wireless IP web camera. The system focuses on the Memory utilization, Computational time for various images from different sources. The system also elaborates peak CPU load with respect to the complexity of the connectivity and limited
hardware. The proposed system well analyses the need of the technology for building the
session between Android 4.0.3 ICS operating system and the traditional operating system at
the user end. It also providing the structured analysis regarding the success rate, the resolution
test and effect of different tools on the perspective of the Android 4.0.3 ICS based Operating
system to improve the analytical parameters like processing time as well as response time.

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Index Terms

Computer Science

Image Processing

Keywords
Wearable Computer Vision based Human Assistance System using Android 4.0.3 ICS Operating System

Android 4.0.3 Ics  Gestural Interface  Augmented Reality  Wearable Interface
Interaction Styles