Abstract

Child pornography is the fastest growing criminal activity in all over the world. This crime is regarded as being extremely harmful; its prosecution is of the highest priority for police forces and law enforcement organizations around the world. The law of possession and distribution of CP images not only applies to regular citizens, but also to police units that they not allowed to gather and catalogue evidence for future reference. To overcome from this problem, the paper presents a tool which is able to catalogue high- and low-level metadata of the evidence material and provides fast search to retrieve such evidence in suspect’s system. It also provides the relation between the previous cases and current cases. That would be helpful to provide the protection to victims, capturing the offenders in effective manner and also reduce the tedious works of police units.

References

Image Cataloguing Tool using Descriptor for Forensic Application


Index Terms

Computer Science

Pattern Recognition

Keywords

Child pornography  Forensic analysis  MPEG-7 descriptor