Design of Mastering System for Digital Cinema

Yeonjeong Jeong, Bumho Kim, Kisong Yoon

Content Distribution Team, ETRI, 161, Gajeong-dong, Yuseong-gu, Daejeon, Korea
**Second Company, Address Including Country Name
yjjeong@etri.re.kr, mots@etri.re.kr, ksyoon@etri.re.kr

Abstract—— **Digital Cinema Initiatives released a set of technical specifications and requirements for Digital Cinema. The mastering system of digital cinema produces the Digital Cinema Package (DCP) which has been designed to deliver digital cinema contents such as image, audio and subtitle between Digital Cinema content processing centers. We propose a mastering system that covers the packaging process of DCP for Digital Cinema content and protection of it.**

Keyword— **Digital Cinema, mastering**

Yeonjeong Jeong received the BS and MS degrees in Computer Science from Pusan National University, Pusan, Korea in 1994 and 1996, respectively, and the PhD degree in Computer Science from Chungnam National University, Daejeon, Korea in 2005.
Since 1996, He has worked as a principal member of engineering staff at ETRI, where he has been engaged in government-funded projects, such as DRM-based digital contents distribution solution, technology of contents protection for contents distribution based on multi-platform, and so on.
He is now involved in the development project of digital cinema distribution management and copyright protection technology.