

DURAFILE: A Collaborative Tool for Preserving Digital Media Files

Authors : Santiago Macho, Miquel Montaner, Raivo Ruusalepp, Ferran Candela, Xavier Tarres and Rando Rostok

Abstract : During our lives, we generate a lot of personal information such as photos, music, text documents and videos that link us with our past. This data that used to be tangible is now digital information stored in our computers, which implies a software dependence to make them accessible in the future. Technology, however, constantly evolves and goes through regular shifts, quickly rendering various file formats obsolete. The need for accessing data in the future affects not only personal users but also organizations. In a digital environment, a reliable preservation plan and the ability to adapt to fast changing technology are essential for maintaining data collections in the long term. We present in this paper the European FP7 project called DURAFILE that provides the technology to preserve media files for personal users and organizations while maintaining their quality.

Keywords : artificial intelligence, digital preservation, social search, digital preservation plans

Conference Title : ICDP 2015 : International Conference on Digital Preservation

Conference Location : Barcelona, Spain

Conference Dates : August 17-18, 2015