

SUMMARY

I. Title

Development of EPUB SCP technical specification and international standardization

II. Goal and necessity on development of the technology

- Recently, Radium Foundation, which is an implementation standardization organization for the IDPF standard, is actively progressing DRM standardization such as Radium SDK and LCP(Lightweight Content Protection) to protect copyrights of the e-books.
- Radium LCP a DRM technology which has a simple concept where those who know the password can use the protected e-books. It has tried to solve the problem on the existing DRM technology which gives users inconvenience because of the strong protection. However it does not make meaningful references in the markets since they would not adopt the LCP concept.
- Under the circumstance, KCC(Korea Copyright Commission) is planning to establish IDPF and ISO standards for the EPUB DRM based on the KS standards, which will secure international competitiveness of the domestic e-books industries such as e-books service provider, device manufacturers, solution provider and DRM technology providers.

III. Scope and method

1. Development of Extended Radium LCP technology

- Upgrade of the license structure which is the Certificate based key management
- Development of the packager and client module
- Development readium LCP encryption profile