

# A Study of eBooks Authorized Tracing and Pricing Schemes

## Abstract

There are a variety of e-book business model, such as metering charges, time charges or authorization database, its copyright licensing and pricing are also different, how to help the industry develop in different business models for authorization and charging mechanism is a key factor in the future of e-book service whether common development. The project will be carried out over two years. The first year will start with e-books authorized tracking mechanism, which consists of three parts. Firstly, we will research privacy protection technology for legitimate users, even if the seller can't get legitimate users' personal information. Secondly, we will develop tracking mechanism to trace illegally unauthorized user, when user has caused the illegally authorized, e-books providers can use tracking mechanism to find the unauthorized user. In the third part, we will construct e-book authorized management mechanism to achieve authorized tracking. In the second year, we will develop e-books charging tracing mechanism for different business models, which have been divided into three sub-projects, namely, e-books charging mechanism of limiting the number, e-books charging mechanism of time limit and e-books of payment transaction platform. This project will find out about the user's browsing habits, and compare with operator's interests to develop a win-win charging mechanism. We will develop an appropriate charging mechanism for different browsing and provide charging mechanism according to the situation. Because e-books can integrate multimedia resources and also can be embedded authorized tracking mechanism, which will be developed in our plan, it is very helpful for understanding user's browsing habits.

Keywords: E-book, authorized tracking, business models, charging mechanism