Academic Resource Discovery Platform for e-Research

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In the information age, the content and media of library resources are increasely rich, among which a great amount of digital resources have been produced. Meanwhile, the open internet environment promoted users' needs for easy searching and quick access to a variety of resources, and hence, encouraging many researchers to perform academic survey and documentation on the Internet. Peking University Library launched academic resource discovery platform for e-research, which enables users to easily carry out knowledge discovery, acquisition, management and sharing, therefore, improve their efficiency of research activities.

According to researchers' needs and habits, Peking University Library built an academic resource discovery platform and started trial running in September 2011. The platform enables users to easily discover almost all resources of the library by "one-stop search", the resources include: electronic journals and articles, books, multimedia resources, Chinese ancient books, Peking University famous teachers, Beijing's history and geography, etc. Its searching funcationality is easy and flexible to use. OpenURL link embedded in the platform instantly tells the users whether the library have purchased the academic resources in searching results, and accordingly, leads the users to directly access the download page of full-text, or redirects them to the interlibrary loan system. The library also provides document management softwares (Refworks, NoteExpress) which are seamlessly integrated into our platform, help the users quickly export interested literatures, and apply flexible management to them. The Library is also planning to support resource sharing and discussion on external Social Networking Services (SNS), such as Douban and Renren , so that the users can freely comment on books, and sharing and exchanging their opinions with others.

Peking University Library Academic Resource Discovery Platform is integrated into various aspects of e-research, aims at releasing the researchers from the tedious work of collecting and clarifying knowledge, promoting utilizing and sharing of knowledge, and ultimately accelerating academic innovation.

Keyword: e-research, academic resource discovery and access, knowledge

management and sharing