INTERNET DATA USAGE CONTROL SYSTEM

ABSTRACT

A method for seamlessly and automatically granting tailored permission for use and transference of internet data between databases with comprehensive consent is described. The method employs a graph language such as JSON-LD to integrate and employ cryptographically signed Information Sharing Agreements (ISA) between parties. Data is serialized to be easily transferred between databases when appropriate permission is obtained. Granular data exchange under usage control contacts can be automated among any number of parties on the internet. As such, the method provides a means by which users may control not only what may be done with their data, but to what entity or entities the data may be transferred. Advertisements may then be served to the user according to his or her preferences as defined within a web or desktop app, which is then applied to all related ad publishers publishing to the domains visited by the user.

Fig. 1