基于分布式数据交换的高校 DAAS 平台研究与设计

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摘　要：文章在分析高校信息化发展及数字校园、智慧校园建设过程中数据共享和交换技术存在的主要问题基础上，结合目前高校信息化过程中教学、科研及管理实际业务需求，提出了以分布式数据服务、分布式数据交换和集中任务调度为核心的数据共享和交换 DAAS 平台整体架构，并对其关键技术进行了详细论述.通过该平台可以较好地解决目前高校集中式数据共享交换造成负载压力急增，服务效率下降的问题.

关键词：分布式数据服务；分布式数据交换；集中任务调度；数字校园

Research and design of university DAAS platform based on distributed data exchange

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Abstract：Based on the analysis of the main problems of data sharing and exchanging technology in the development of university informationization and the construction of digital campus and smart campus,the overall structure of DAAS platform for data sharing and exchanging is proposed,combining the actual business needs of teaching, research and management in the process of current university informationization.The platform is centering on distributed data services, distributed data exchanging and centralized task scheduling.Andthen,the key technologies of the platform are discussed in detail.Through the platform, the problem of rapid load pressure and low service efficiency caused by centralized data sharing and exchanging in universities can be better solved.

Key words ： distributed data services;distributed data exchange;centralized task secheduling;digital campus

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