

基于资源管理和Silverlight的农业装备信息网络平台

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关键词: 农业装备信息网络平台 资源管理 三层结构 富客户端

摘要: 针对农业装备信息网络数据资源存在结构性与非结构性数据而不易管理和挖掘的问题,采用资源管理的方法,构建了农业装备信息网络平台,利用静态页面生成技术将大部分动态数据转化为标准格式的静态页面,降低了Web服务器和数据库服务器的负载,运用Silverlight技术实现了媒体数据访问的富客户端,提高了系统的执行效率。该系统降低了农业装备信息网络平台异构数据的管理难度,增强了农业装备信息数字资源的可用性。There are much structural and non-structural data in the agricultural equipment information network database, and the data management and mining are difficult. A new method of resource management was adopted to develop agricultural equipment information network. In the resource management system, most dynamic data were translated into html pages and stored in document server, which can reduce the load of the servers greatly. Rich clients having access to multimedia resources technology were realized by Silverlight technology and the executing efficiency of the system was improved. The application of resource management method makes the data management easier and enhances the resource usability of agricultural equipment information network.

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