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RBAC模型在中医药信息资源管理平台中的应用研究

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摘要:

采用基于角色的访问控制 (role-based access control, RBAC) 技术, 构建了一个通用的中医药信息资源管理平台。在平台中引入角色这一中介, 在统一身份认证的基础上, 对不同的资源进行角色访问控制, 每一个资源子模块定义为一个数据库角色, 该角色具有子模块所拥有的权限, 然后根据需要把这些角色授予各个用户。该平台安全、易于管理, 有良好的可移植性和扩展性, 获得了较好的用户体验。

关键词: 中医药信息资源 基于角色的访问控制 权限管理

Application of RBAC model in a traditional Chinese medicine information resources management platform

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Abstract:

We constructed a universal traditional Chinese medicine information resources management platform with role-based access control (RBAC) technology. We introduced the concept of a role, an intermediate, into the platform and performed universal identity authentication based role access control for different resources. We also defined each sub-module as a database role which had the same authority as a sub-module, and then distributed these roles to all users. The platform is secure, easy to be managed, and has good transferability and scalability. It therefore receives better favor from many users.

Keywords: traditional Chinese medicine information resources role-based access control authority management

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