## impl::RoleServiceImpl addOrUpdateRoleInfo(RoleVO): ResultVO<void> copyRole(String, String, String): ResultVO<void> deleteRoles(List<String>): ResultVO<void> getRoleById(String): Role getRolePermission(List<String>): ResultVO<List<RoleVO>> getRolesByInfo(RoleVO, PageParam): ResultVO<PageResultVO<RoleVO>> getRoleUser(List<String>): ResultVO<List<UserVO>> getUserAuthorizablePermission(String): ResultVO<List<SystemRootVO>> getUserByRoleId(String): ResultVO<List<UserVO>> updateRolePermission(List<RoleVO>): ResultVO<void> updateUsersOfRole(List<RoleVO>): ResultVO<void> impl::RoleBp addOrUpdateRoleInfo(RoleVO): ResultVO<void> copyRole(String, String, String): ResultVO<void> deleteRoles(List<String>): ResultVO<void> getRoleByld(String): Role getRolePermission(List<String>): ResultVO<List<RoleVO>> getRolesByInfo(RoleVO, PageParam): ResultVO<PageResultVO<RoleVO>> getRoleUser(List<String>): ResultVO<List<UserVO>> getUserAuthorizablePermission(String): ResultVO<List<SystemRootVO>> getUserByRoleId(String): ResultVO<List<UserVO>> updateRolePermission(List<RoleVO>): ResultVO<void> updateUsersOfRole(List<RoleVO>): ResultVO<void>

## «interface» mapper::IRoleMapper

- + addOrUpdateRoleInfo(RoleVO): int
- + copyRole(String, String, String): int
- + deleteRoles(List<String>): int
- + getRoleByld(String): Role
- + getRolesByInfo(RoleVO): List<RoleVO>
- + getRolesByInfo\_Count(RoleVO): long
- + getRolesByUserName(String): List<RoleVO>
- + getRoleUser(List<String>): List<UserVO>
- + getUserByRoleId(String): List<UserVO>
- + updateRolePermission(List<RoleVO>): int
- + updateUsersOfRole(List<RoleVO>): int