

JcrAccessControl

JSR-170 (JCR 1.0)

JSR-283 (JCR 2.0)

- Access Control Policies
 - Abstract concept, no concrete meaning
- Access Control Entries
 - Corresponds to a credential in Lenya
 - Grants a set of privileges to a principal (user/group/role/...)
 - Can only grant permissions, not revoke them

Examples

Set a policy on a node:

```
AccessControlManager acMgr = session.getAccessControlManager();

Privilege supportedPrivileges = acMgr.getSupportedPrivileges("/lenya");
Map<String,Privilege> name2privilege = mapNamesToPrivileges(supportedPrivileges);
Privilege[] privileges = {
    name2privilege.get("jcr:read"),
    name2privilege.get("jcr:write")
};

PrincipalManager principalMgr = session.getPrincipalManager();
Principal john = principalMgr.lookupPrincipal("john");

acMgr.addAccessControlEntry("/foo/bar", john, privileges);
```