

Grouper rules pattern - Reassign folder privileges if from group

[Wiki Home](#) [Download Grouper](#) [Grouper Guides](#) [Community Contributions](#) [Developer Resources](#) [Deployment Guide](#)

Grouper rules

If a folder is created, and the parent stem CREATE privilege is inherited from a group(s), then remove the individual CREATE/STEM privilege from the created stem, and assign those CREATE/STEM privilege to the stem CREATE group(s). Note, if the user is a wheel or root, then just remove the individual assignment.

Todo: Check to see if this is automatic in Grouper.

Java example

```
//add a rule on stem2 saying if you create a stem underneath, then remove admin if in another group which
has create on stem
AttributeAssign attributeAssign = stem2
    .getAttributeDelegate().addAttribute(RuleUtils.ruleAttributeName()).getAttributeAssign();

AttributeValueDelegate attributeValueDelegate = attributeAssign.getAttributeValueDelegate();

attributeValueDelegate.assignValue(
    RuleUtils.ruleActAsSubjectSourceIdName(), "g:isa");
attributeValueDelegate.assignValue(
    RuleUtils.ruleActAsSubjectIdName(), "GrouperSystem");
attributeValueDelegate.assignValue(
    RuleUtils.ruleCheckTypeName(), RuleCheckType.stemCreate.name());

//can be SUB or ONE for if in this folder, or in this and all subfolders
attributeValueDelegate.assignValue(
    RuleUtils.ruleCheckStemScopeName(), Stem.Scope.SUB.name());
attributeValueDelegate.assignValue(
    RuleUtils.ruleThenEnumName(), RuleThenEnum.reassignStemPrivilegesIfFromGroup.name());

//should be valid
String isValidString = attributeValueDelegate.retrieveValueString(
    RuleUtils.ruleValidName());

if (!StringUtils.equals("T", isValidString)) {
    throw new RuntimeException(isValidString);
}
```

GSH shorthand method

```
RuleApi.reassignStemPrivilegesIfFromGroup(SubjectFinder.findRootSubject(), stem2, Stem.Scope.SUB);
```

GSH test case

TODO

GSH daemon

There is no daemon for this rule