

# Grouper rules pattern - Forever membership

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## Grouper rules

Have a loader based group, based on certain types of faculty. The overall group should contain anyone who has ever been in the loader group. Note, there is no daemon component for this rule yet.

TODO: Merge this one with Add member to group if added to another group

## GSH example

```
grouperSession = GrouperSession.startRootSession();
overallGroup = GroupFinder.findByName(grouperSession, "penn:library:services:faculty:facultyexpress");

attributeAssign = overallGroup.getAttributeDelegate().assignAttribute(RuleUtils.ruleAttributeDefName()).
getAttributeAssign();

attributeAssign.getAttributeValueDelegate().assignValue(RuleUtils.ruleActAsSubjectSourceIdName(), "g:isa");
attributeAssign.getAttributeValueDelegate().assignValue(RuleUtils.ruleActAsSubjectIdName(), "GrouperSystem");
attributeAssign.getAttributeValueDelegate().assignValue(RuleUtils.ruleCheckOwnerNameName(), "penn:library:
services:faculty:facultyexpress_systemOfRecord");
attributeAssign.getAttributeValueDelegate().assignValue(RuleUtils.ruleCheckTypeName(), RuleCheckType.
membershipAdd.name());
attributeAssign.getAttributeValueDelegate().assignValue(RuleUtils.ruleIfConditionEnumName(),
RuleIfConditionEnum.groupHasNoImmediateEnabledMembership.name());
attributeAssign.getAttributeValueDelegate().assignValue(RuleUtils.ruleThenEnumName(), RuleThenEnum.
addMemberToOwnerGroup.name());
attributeAssign.getAttributeValueDelegate().assignValue(RuleUtils.ruleRunDaemonName(), "false");
```