

Grouper hook which adds link to UI

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A hook could add a link to the UI. You need patch: grouper_v2_4_0_ui_patch_23

Compile this class in the API:

```
/**
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 */
package edu.internet2.middleware.grouper.hooks.examples;

import edu.internet2.middleware.grouper.hooks.MembershipHooks;
import edu.internet2.middleware.grouper.hooks.beans.GrouperContextType;
import edu.internet2.middleware.grouper.hooks.beans.GrouperContextTypeBuiltIn;
import edu.internet2.middleware.grouper.hooks.beans.HooksContext;
import edu.internet2.middleware.grouper.hooks.beans.HooksMembershipChangeBean;
import edu.internet2.middleware.grouper.util.GrouperUtil;

/**
 * group hook to put message on screen
 */
public class MembershipHooksImplScreenMessageExample extends MembershipHooks {

    /**
     * @see edu.internet2.middleware.grouper.hooks.MembershipHooks#membershipPreAddMember(edu.internet2.
     middleware.grouper.hooks.beans.HooksContext, edu.internet2.middleware.grouper.hooks.beans.
     HooksMembershipChangeBean)
     */
    @Override
    public void membershipPreAddMember(HooksContext hooksContext, HooksMembershipChangeBean preAddMemberBean) {

        GrouperContextType grouperContextType = hooksContext.getGrouperContextType();

        //only care about this if not grouper loader
        if (GrouperContextTypeBuiltIn.GROUPER_UI.equals(grouperContextType)) {

            if (preAddMemberBean.getGroup().getName().startsWith("test:")) {
                addMessageToScreen("Here is <a href=\"http://www.yahoo.com\">link</a>");
            }
        }
    }

    /**
     * @param message
     */
    public static void addMessageToScreen(String message) {

        Class<?> grouperUiHookShimClass = null;
```

```

try {
    Class.forName("edu.internet2.middleware.grouper.grouperUi.beans.json.GuiResponseJs");
    grouperUiHookShimClass = Class.forName("edu.internet2.middleware.grouper.ui.hooks.GrouperUiHookShim");

    // in ui
} catch (Exception e) {
    // not ui
    return;
}
// call class that is compiled with UI stuff
// bootstrap alert type can be: "primary", "secondary", "success", "danger", "warning", "info", "light",
"dark"
GrouperUtil.callMethod(grouperUiHookShimClass, "addMessageToScreen",
    GrouperUtil.toSet(String.class, String.class), GrouperUtil.toSet("primary", message));
}
}

```

Configure in grouper.properties:

```
hooks.membership.class=edu.internet2.middleware.grouper.hooks.examples.MembershipHooksImplScreenMessageExample
```

See result:

Logged in as [GrouperSysAdmin](#) · [Log out](#) · [Help](#)

Here is link

Success: entity was added to group

+ Create new group

Quick links

- My groups
- My folders
- My favorites
- My services
- My activity

Home > Root > test > testGroup1

testGroup1

+ Add members

More actions

Member name or ID:

Enter an entity name or ID, or [search for an entity](#).

Assign these privileges: ☒ Default privileges ☐ Custom privileges

Add or import a list of members .