

# Not Permission

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Not Permission    [Bean Shell](#)

1.

userview

2.

[Userview/](#)

3.

Not Permission

- 1.
- 2.

4.

5./ API

6.

Joget Workflow Source Code

Macbook ProJoget5.0.0

```
- Home
- joget
- plugins
- jw-community
-5.0.1
```

"plugins" "jw-community" Joget Workflow

"plugins" maven

```
cd joget/plugins/  
~/joget/jw-community/5.0.1/wflow-plugin-archetype/create-plugin.sh org.joget.tutorial not_permission 5.0.1
```

shellmaven

```
Define value for property 'version': 1.0-SNAPSHOT: : 5.0.0  
[INFO] Using property: package = org.joget.tutorial  
Confirm properties configuration:  
groupId: org.joget.tutorial  
artifactId: not_permission  
version: 5.0.0  
package: org.joget.tutorial  
Y: : y
```

"BUILD SUCCESS""plugins""not\_permission"

IDEmaven [NetBeans](#)

7. Just code it!

**a.**

"org.joget.tutorial""NotPermission"[org.joget.apps.userview.model.UserviewPermission](#) [org.joget.apps.form.model.FomPermission](#) [Userview/](#)

**b.**

AppPluginUtil.getMessage18nMESSAGE\_PATH

#### Implementation of all basic abstract methods

```
package org.joget.tutorial;

import org.joget.apps.app.service.AppPluginUtil;
import org.joget.apps.app.service.AppUtil;
import org.joget.apps.form.model.FormPermission;
import org.joget.apps.userview.model.UserviewPermission;

public class NotPermission extends UserviewPermission implements FormPermission {

    private final static String MESSAGE_PATH = "messages/NotPermission";

    public String getName() {
        return "Not Permission";
    }

    public String getVersion() {
        return "5.0.0";
    }

    public String getDescription() {
        //support i18n
        return AppPluginUtil.getMessage("org.joget.tutorial.NotPermission.pluginDesc", getClassName(),
MESSAGE_PATH);
    }

    public String getLabel() {
        //support i18n
        return AppPluginUtil.getMessage("org.joget.tutorial.NotPermission.pluginLabel", getClassName(),
MESSAGE_PATH);
    }

    public String getClassName() {
        return getClass().getName();
    }

    public String getPropertyOptions() {
        return AppUtil.readPluginResource(getClassName(), "/properties/notPermission.json", null, true,
MESSAGE_PATH);
    }

    @Override
    public boolean isAuthorize() {
        throw new UnsupportedOperationException("Not supported yet.");
    }
}
```

Util.getPropertyOptions "/properties/notPermission.json""not\_permission / src / main""resources / properties""properties""notPermission.json"

"" message.key ""i18n

```
[{
  title : '@@userview.notpermission.config@@',
  properties : [{
    name : 'permission',
    label : '@@userview.notpermission.permission@@',
    type : 'elementselect',
    options_ajax : '[CONTEXT_PATH]/web/property/json/getElements?classname=org.joget.apps.userview.model.
UserviewPermission',
    url : '[CONTEXT_PATH]/web/property/json[APP_PATH]/getPropertyOptions'
  },
  {
    name : 'loggedIn',
    label : '@@userview.notpermission.loggedIn@@',
    type : 'checkbox',
    value : 'true',
    options : [{
      value : 'true',
      label : ''
    }]
  }
]}]
```

isAuthorize

```
@Override
public boolean isAuthorize() {
    boolean isAuthorize = false;
    try {
        if ("true".equals(getPropertyString("loggedIn")) && WorkflowUtil.isCurrentUserAnonymous()) {
            return false;
        }

        //get the binder
        Object permissionData = getProperty("permission");
        if (permissionData != null && permissionData instanceof Map) {
            Map pMap = (Map) permissionData;
            if (pMap != null && pMap.containsKey("className") && !pMap.get("className").toString().
isEmpty()) {
                PluginManager pluginManager = (PluginManager) AppUtil.getApplicationContext().getBean
("pluginManager");
                UserviewPermission permission = (UserviewPermission) pluginManager.getPlugin(pMap.get
("className").toString());
                if (permission != null) {
                    Map pProps = (Map) pMap.get("properties");
                    permission.setProperties(pProps);
                    permission.setCurrentUser(getCurrentUser());
                    permission.setRequestParameters(getRequestParameters());

                    isAuthorize = !permission.isAuthorize();
                }
            }
        }
    } catch (Exception e) {
        LogUtil.error(getClassName(), e, "");
    }
    return isAuthorize;
}
```

c.

d.

getLabelgetDescription18ni18n

"not\_permission / src / main""resources / messages""NotPermission.properties"

```
org.joget.tutorial.NotPermission.pluginLabel=Not Permission
org.joget.tutorial.NotPermission.pluginDesc=Used to reverse the result of other permission plugin
userview.notpermission.config=Configure Not Permission
userview.notpermission.permission=Permission
userview.notpermission.loggedIn=Must be Logged In User
```

e. Felix

ActivatorFelix

```
public void start(BundleContext context) {
    registrationList = new ArrayList<ServiceRegistration>();
    //Register plugin here
    registrationList.add(context.registerService(NotPermission.class.getName(), new NotPermission(), null));
}
```

f.

"not\_permission / target""not\_permission-5.0.0.jar"

jar jar

Filter by Type 

Userview Permission

<input type="checkbox"/>	Plugin Name	Plugin Description	Plugin Version	
<input type="checkbox"/>	Is Admin		5.0.0	
<input type="checkbox"/>	Is Anonymous		5.0.0	
<input type="checkbox"/>	Bean Shell Script		5.0.0	
<input type="checkbox"/>	Department		5.0.0	
<input type="checkbox"/>	Group		5.0.0	
<input type="checkbox"/>	Logged In User		5.0.0	
<input type="checkbox"/>	Not Permission	Used to reverse the result of other permission plugin	5.0.0	
<input type="checkbox"/>	Organization		5.0.0	
<input type="checkbox"/>	Is Sub Level Userview	Disallow access to sub level	5.0.0	
<input type="checkbox"/>	User		5.0.0	

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Page 1 of 1

Displaying 1 to 10 of 10 items

Uninstall Plugin

"Managers"

SettingsPreviewSave

Set Permission

Set Permission > Permission Type (Not Permission)

Hide From Menu

☐

Permission Type

Not Permission

< Prev

Next >

OK

Cancel

SettingsPreviewSave

Configure Not Permission

Set Permission > Configure Not Permission > Configure Userview Permission (Group)

Permission

Group

Must be Logged In User

☒

< Prev

Next >

OK

Cancel

Settings

Privacy

Share

Configure Userview Permission (Group)

Set Permission > [Configure Not Permission](#) > Configure Userview Permission (Group)

Select Organization

Select Groups

Managers ✕

< Prev

Next >

OK

Cancel

"Managers"

Edit Group

Delete Group

Group Detail

Group ID

G-001

Group Name

Managers

Group Description

Organization

User List

Search

<input type="checkbox"/>	Username	First Name	Last Name	Email	
<input type="checkbox"/>	clark	Clark	Kent		
<input type="checkbox"/>	david	David	Cain		
<input type="checkbox"/>	jack	Jack	Drake		
<input type="checkbox"/>	roy	Roy	Harper		
<input type="checkbox"/>	sasha	Sasha	Bordeaux		
<input type="checkbox"/>	tina	Tina	Magee		

10

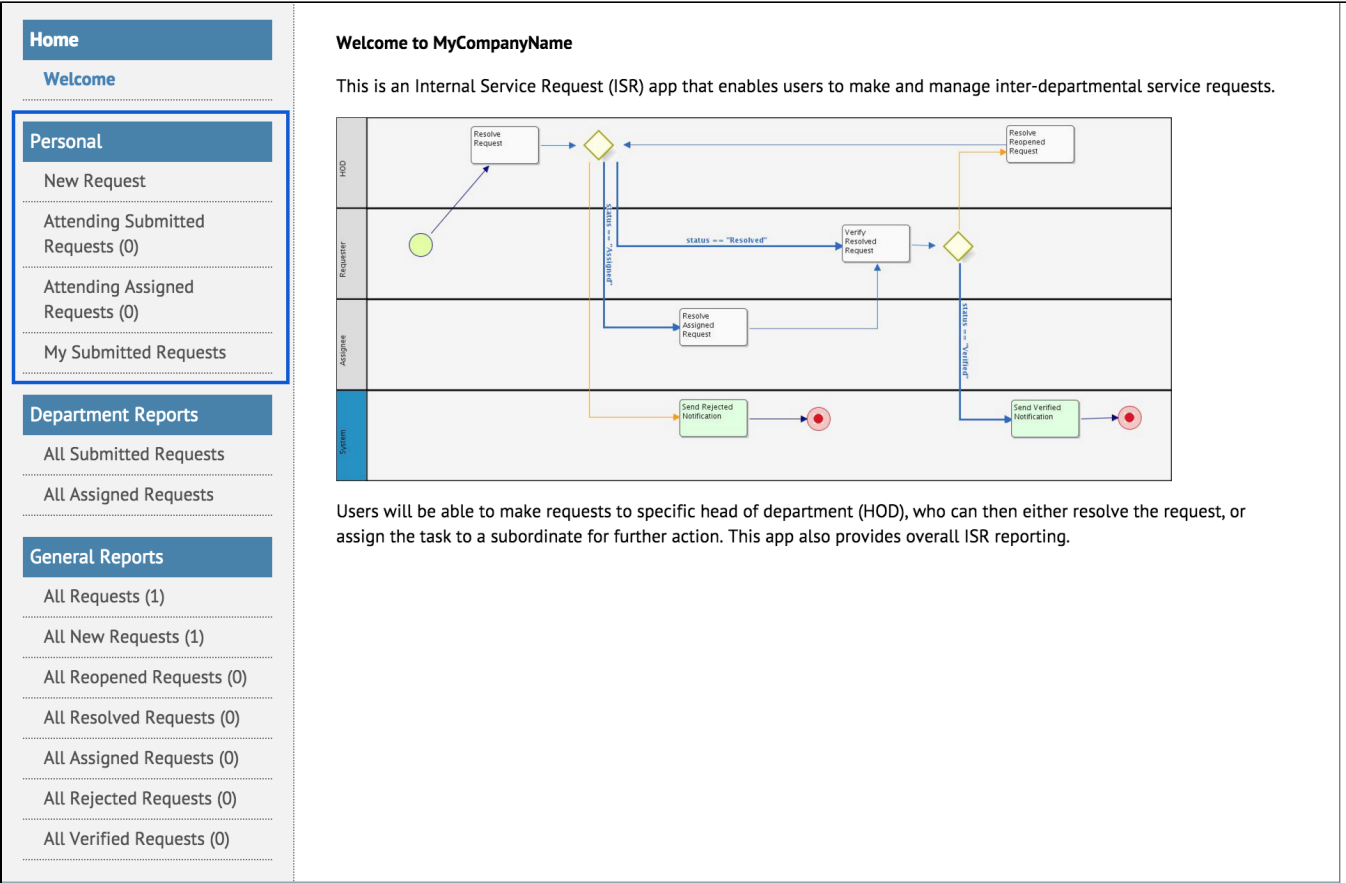
Page 1 of 1

Displaying 1 to 6 of 6 items

Assign Users

Unassign Users

""Personal"



“admin” “Mangers”

Setup Users

1 Setup Organization

2 Setup Groups

3 Setup Users

Edit GroupDelete Group

Group Detail

Group ID

G-001

Group Name

Managers

Group Description

Organization

User List

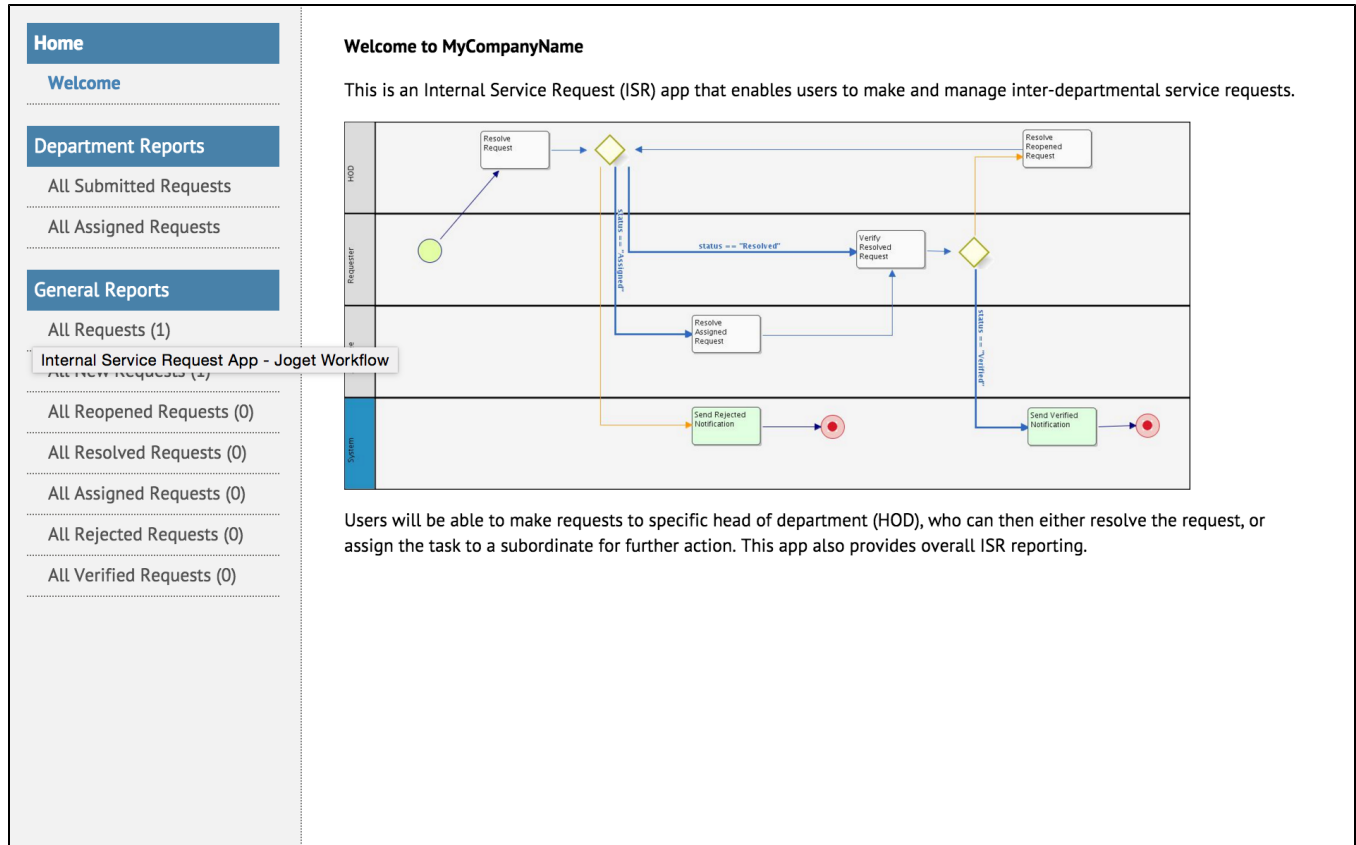
Search

<input type="checkbox"/>	Username	First Name	Last Name	Email
<input type="checkbox"/>	admin	Admin	Admin	owen@joget.org
<input type="checkbox"/>	clark	Clark	Kent	
<input type="checkbox"/>	david	David	Cain	
<input type="checkbox"/>	jack	Jack	Drake	
<input type="checkbox"/>	roy	Roy	Harper	
<input type="checkbox"/>	sasha	Sasha	Bordeaux	
<input type="checkbox"/>	tina	Tina	Magee	

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Assign UsersUnassign Users





8.

[not\\_permission.zip](#)

jar<http://marketplace.joget.org/>