

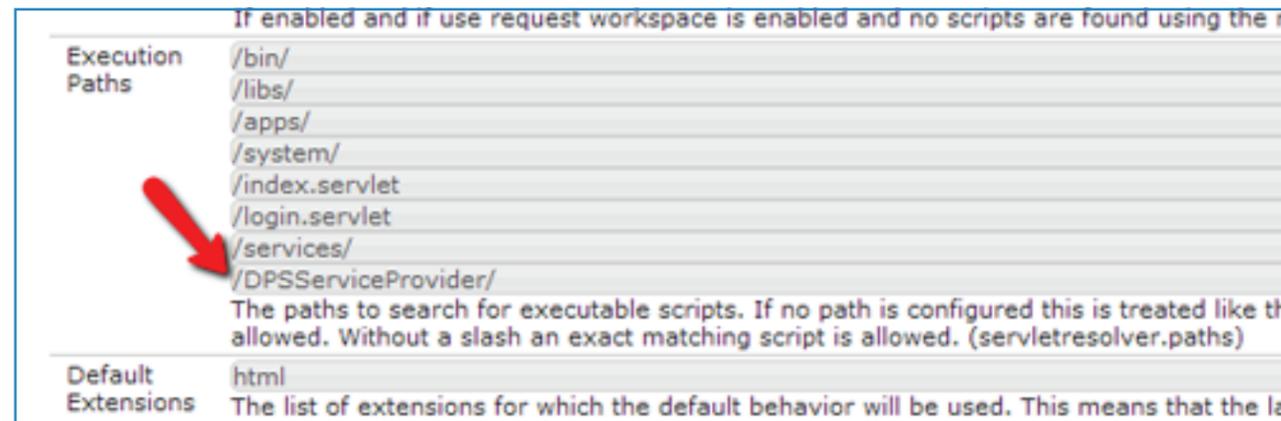


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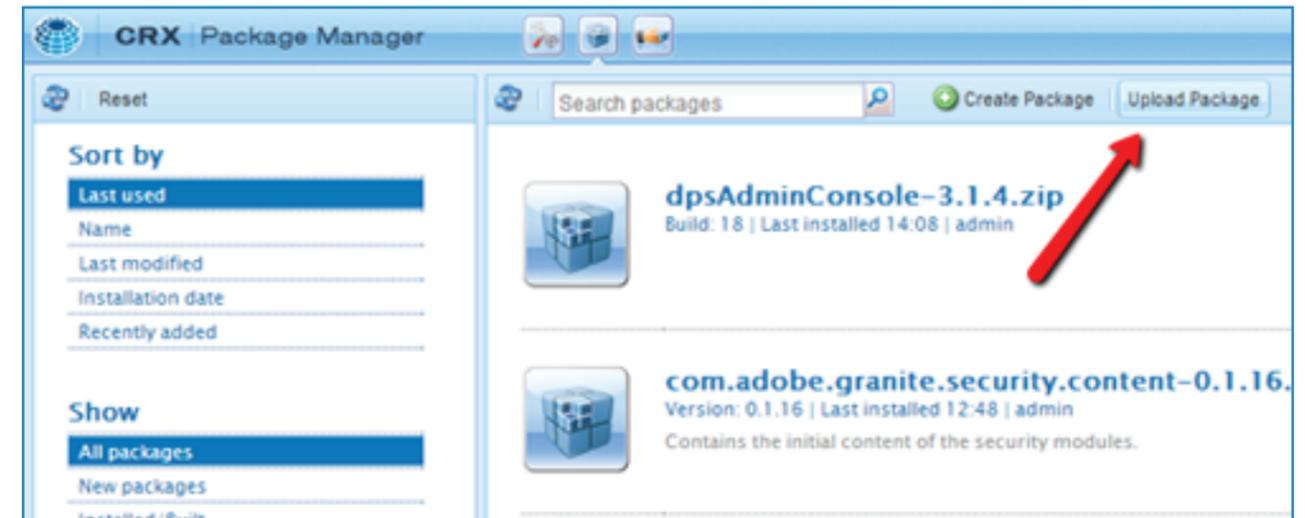
# Installation

1. Download CQ 5.5 install
2. Rename [latest.jar] to (ex. cq5-publish-p4503.jar)
3. Double click jar installing CQ 5.5
4. Install maven 2.2.1
5. Confirm maven is installed by launching cmd > mvn -version
6. When the CQ 5.5 is finished installing, go to <http://localhost:4503/system/console/configMgr>
7. Search for Apache Sling Servlet click the list will launch a popup
8. In the popup, at the end of Execution Path section add `/DPSServiceProvider/` then save

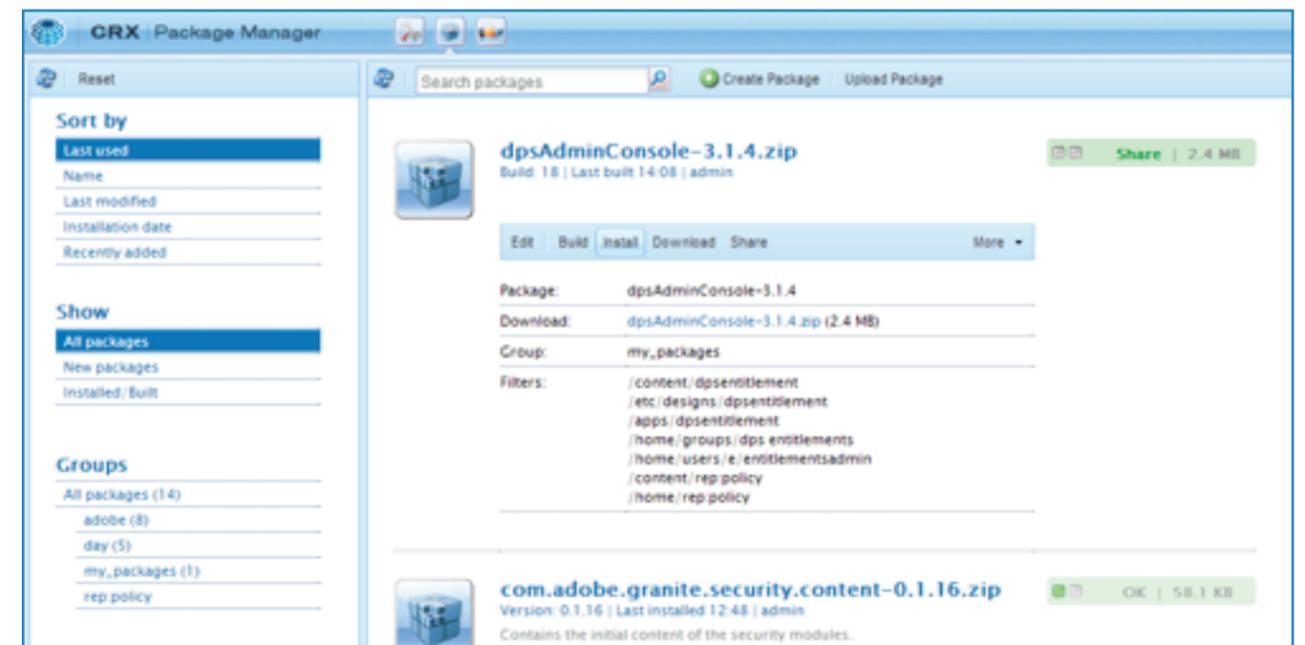


9. Open a command prompt window. Direct it's path to the location of the parent folder which contains all of the code. Run `mvn install -P local-pub`
10. Navigate to <http://localhost:4503:450/crx/packmgr/index.jsp>, login as admin

11. Click the upload button

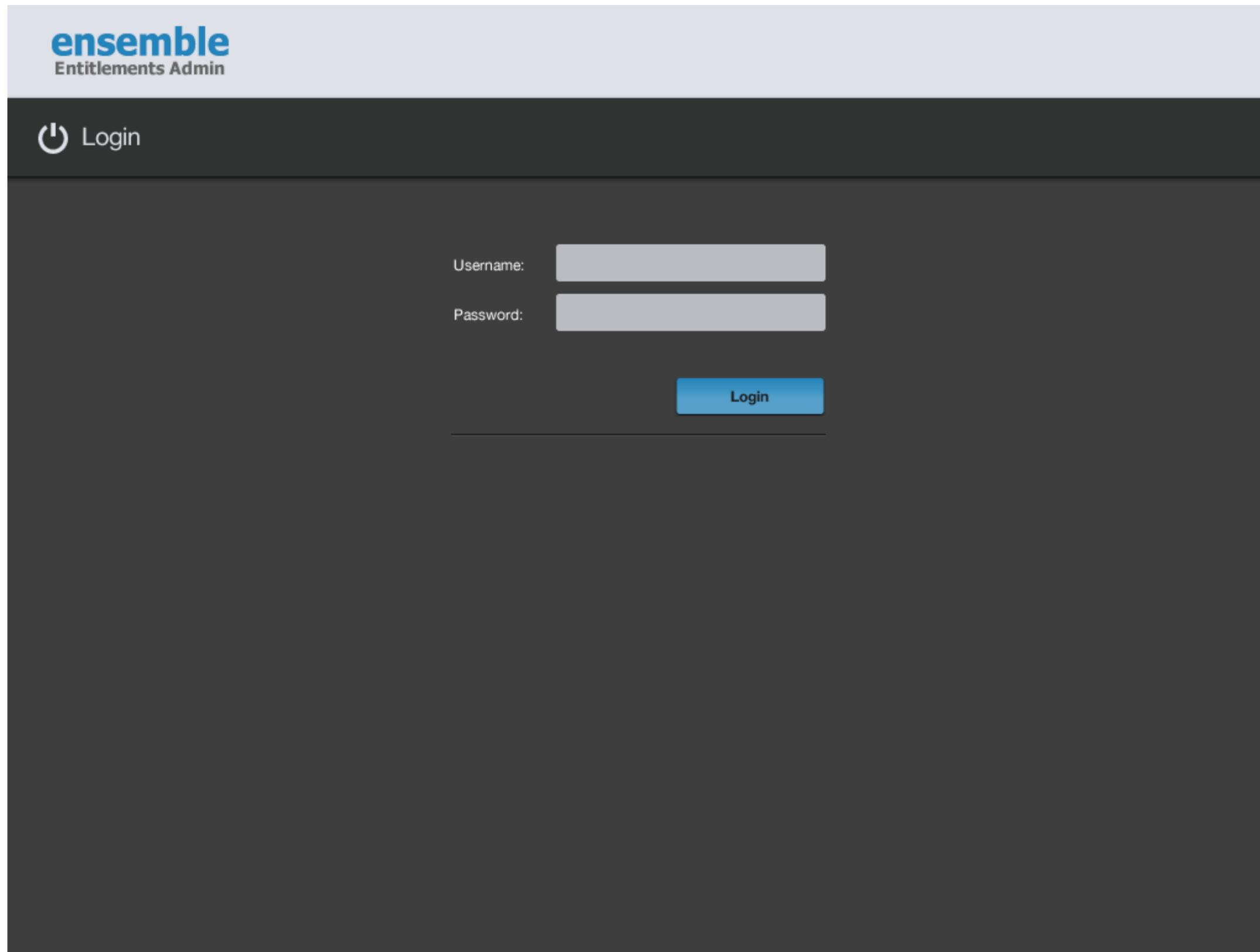


12. Upload and install the dpsAdminConsole plugin



13. After successful install, navigate to <http://localhost:4503/content/dpsentitlement.html>

# Login Screen



The screenshot shows the login interface for Ensemble Entitlements Admin. At the top left, the logo reads "ensemble Entitlements Admin". Below this, a dark grey bar contains a power icon and the word "Login". The main area is dark grey and contains two input fields: "Username:" and "Password:". Below the password field is a blue "Login" button. A horizontal line is positioned below the button.

## Notes

Users can input their credentials here to login to the system.

### Default login credentials:

Username: entitlementsadmin

Password: password

# Folio Permissions

**ensemble**  
Entitlements Admin

Settings Logout

**FOLIO PERMISSIONS** USER MANAGEMENT

<input type="checkbox"/>	Name	Description	Date Created	Actions
1 <input type="checkbox"/>	Project 1	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
2 <input type="checkbox"/>	Project 2	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 3	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 4	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 5	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 6	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	

## Notes

This first tab shows Folio Permissions. There is a list of folios and the ability to view and edit them.

- 1 Folio Item**  
Each folio will show an image, the name, a description and the date created.
- 2 Folio Picture**  
Clicking on the preview image will open up a larger view of it.

# Folio Permissions: Selected

The screenshot shows the 'ensemble Entitlements Admin' interface. The 'FOLIO PERMISSIONS' tab is active. A table displays the following data:

<input type="checkbox"/>	Name	Description	Date Created	Actions
<input type="checkbox"/>	Project 1	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 2	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input checked="" type="checkbox"/>	Project 3	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 4	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 5	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 6	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	

At the bottom right, a blue button labeled 'View Permissions' is highlighted with a callout bubble containing the number '1'.

## Notes

Selecting a folio will activate controls in the bottom row.

- 1 View Permissions**  
Selecting a folio will activate this button so users can view and modify the permissions for this folio.

# Folio Permissions: Selected Project

**ensemble**  
Entitlements Admin

Settings Logout

FOLIO PERMISSIONS USER MANAGEMENT

Back to Folios

**1** Name: Project 3  
Description: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.  
Date Created: Feb 19, 2013 6:00pm

**2** **People**  
Aaron Ming  
Addison Marzo  
Alan Wong  
Alex Yung  
Alvin Lam  
Amy Wong  
Anda Bacinschi  
Andrew Johnson  
Barry Ki

**Groups**  
Marketing  
Graphic Design  
Print & Production  
Social Media  
Digital Media

**3** **Granted Access**  
Chester Loke  
Colin Cheung  
Constantin Boscenco

**Denied Access**

## Notes

The view of a selected folio.

- 1 Folio Information**  
The same information will be presented here so it is clear to the user which folio s/he is viewing.
- 2 List of People/Groups**  
A list of all the users and groups will be presented here, if they are not already in the Grant Access panel or the Deny Access panel.
- 3 Grant Access**  
Users who have been granted access will be switched over to this column.

# Folio Permissions: Modifying Permissions

**ensemble**  
Entitlements Admin

Settings Logout

**FOLIO PERMISSIONS** USER MANAGEMENT

Back to Folios

Name	Description	Date Created
Project 3	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm

**People**

- Aaron Ming
- Addison Marzo
- Alan Wong
- Alex Yung
- Alvin Lam
- Amy Wong
- Anda Bacinschi
- Andrew Johnson
- Barry Ki

**Groups**

- Marketing
- Graphic Design
- Print & Production**
- Social Media
- Digital Media

**Granted Access**

- Chester Loke
- Colin Cheung
- Constantin Boscenco

**Denied Access**

## Notes

Selecting an item to grant/deny access.

- Controls**  
These controls will activate/deactivate accordingly to allow the user to deny/grant access to people and groups.

# Folio Permissions: Conflicts

The screenshot shows the 'ensemble Entitlements Admin' interface. At the top, there are tabs for 'FOLIO PERMISSIONS' and 'USER MANAGEMENT'. A 'Back to Folios' link is visible. Below the tabs, a table lists a single entry: 'Project 3' with a description and a date created of 'Feb 19, 2013 6:00pm'. The main content area is divided into three sections: 'People', 'Groups', and 'Granted Access'. The 'People' section lists names like Aaron Ming, Addison Marzo, Alex Yung, Alvin Lam, Amy Wong, Anda Bacinschi, Andrew Johnson, and Barry Ki. The 'Groups' section lists Marketing, Graphic Design, Social Media, and Digital Media. The 'Granted Access' section lists Print & Production, Chester Loke, Colin Cheung, and Constantin Boscenco. The 'Denied Access' section lists Alan Wong. A tooltip is shown over Alan Wong, stating: 'Alan is in the Print & Production but will be denied access.' A red box highlights the 'Denied Access' section, and an orange circle with the number '1' is next to it.

## Notes

- Conflicts**  
Conflicts will be shown when a person/group is in Denied Access but is part of a Group in Granted Access. The specifics will be shown when hovered over.

# Folio Permissions: Multiple Selected

The screenshot shows the 'ensemble Entitlements Admin' interface. At the top, there are tabs for 'FOLIO PERMISSIONS' and 'USER MANAGEMENT'. The 'FOLIO PERMISSIONS' tab is active. In the top right corner, there are links for 'Settings' and 'Logout'. Below the navigation is a table with the following columns: 'Name', 'Description', 'Date Created', and 'Actions'. There are six rows, each representing a 'Project' (Project 1 to Project 6). Each row has a checkbox on the left, a square icon with an 'X' inside, the project name, a detailed description, the date and time created, and a pencil icon for actions. Projects 3 and 4 have their checkboxes checked. At the bottom right of the table area, there is a blue button labeled 'Modify Permissions'.

<input type="checkbox"/>	Name	Description	Date Created	Actions
<input type="checkbox"/>	Project 1	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 2	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input checked="" type="checkbox"/>	Project 3	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input checked="" type="checkbox"/>	Project 4	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 5	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	
<input type="checkbox"/>	Project 6	Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi aliquet elit vel est venenatis eget venenatis metus laoreet. In scelerisque, erat ut rhoncus fringilla, quam eros varius justo, in volutpat nisi lorem non velit. Aenean lacinia iaculis fermentum.	Feb 19, 2013 6:00pm	

## Notes

Selecting multiple folios in the list will change the button to Modify Permissions - since the user will not be able to see the permissions given for each individual folio but will be able to overwrite the changes in this batch modification.

# Folio Permissions: Modifying Multiple

**ensemble**  
Entitlements Admin

Settings Logout

**FOLIO PERMISSIONS** USER MANAGEMENT

1 You are modifying the following projects:  
Project 3 Project 4

2

**People**

- Aaron Ming
- Addison Marzo
- Alan Wong
- Alex Yung
- Alvin Lam
- Amy Wong
- Anda Bacinschi
- Andrew Johnson
- Barry Ki
- Chester Loke
- Colin Cheung
- Constantin Boscenco

**Groups**

- Marketing
- Graphic Design
- Print & Production
- Social Media
- Digital Media

**Granted Access**

**Denied Access**

Save Cancel

## Notes

- 1 List of Folios**  
The folios that were selected in the previous page by the user will be shown here. The user can delete individual folios if s/he decides s/he doesn't want to modify them here.
- 2 List of People/Groups**  
All users will be in this list regardless if they had been granted/denied access to one or more of the folios. Any changes here will be modified across the selected folios.

# User Management

The screenshot displays the 'ensemble Entitlements Admin' interface. At the top, there is a navigation bar with the 'ensemble Entitlements Admin' logo on the left, and 'Settings' and 'Logout' links on the right. Below the navigation bar, there are two tabs: 'FOLIO PERMISSIONS' and 'USER MANAGEMENT'. The 'USER MANAGEMENT' tab is currently selected. Below the tabs, there are two buttons: 'Add New User' and 'Add New Group'. A list of users is displayed below the buttons, including Aaron Ming, Addison Marzo, Alan Wong, Alex Yung, Alvin Lam, Amy Wong, Anda Bacinschi, Andrew Johnson, Barry Ki, Bernard Poon, Bertrand Ong, Bill Hsu, Bill Wu, Brian Bacinschi, Bryan Chi, Bryan Lingle, Bryan Wu, Carla Ty, Chester Loke, and Colin Cheung. A callout box with the number '1' points to the user list, and another callout box with the number '2' points to the 'Add New User' and 'Add New Group' buttons.

## Notes

The User Management tab will be accessible to only those who have been granted access in this system. This tab allows users to manage people and groups.

- 1 User List**  
A list of all the existing users in the system will be shown here.
- 2 Add New User/Group**  
Select one of these buttons to add a new user or group.

# User Management: Selected

The screenshot displays the 'ensemble Entitlements Admin' interface. At the top, there are tabs for 'FOLIO PERMISSIONS' and 'USER MANAGEMENT', with 'USER MANAGEMENT' being the active tab. In the top right corner, there are links for 'Settings' and 'Logout'. Below the navigation bar, there are icons for a single user and a group of users, and two buttons: 'Add New User' and 'Add New Group'. A list of users is shown on the left, with 'Alvin Lam' selected and highlighted in blue. To the right of the list, the details for 'Alvin Lam' are displayed. A callout '1' points to the user name 'Alvin Lam' in the list, and another callout '2' points to the 'Edit User Info' and 'Delete User' buttons. The user details are as follows:

First Name:	Alvin
Last Name:	Lam
Email:	alvinl@ensemble.com
Folio Permissions Privilege:	Read/Write
User Management Access:	Yes
Groups:	Graphic Design Print & Production

## Notes

- 1 User Information**  
All information about the user will be shown on this screen, including what system permissions s/he has and what groups s/he is a part of.
- 2 Controls**  
A user may edit the user information or delete the user.

# User Management: Add New User

The screenshot shows the 'Add New User' form in the Ensemble Entitlements Admin interface. The form is set against a dark grey background. At the top, there is a navigation bar with the 'ensemble Entitlements Admin' logo on the left, and 'Settings' and 'Logout' links on the right. Below the navigation bar, there are two tabs: 'FOLIO PERMISSIONS' and 'USER MANAGEMENT', with 'USER MANAGEMENT' being the active tab. The main content area is titled 'Add New User' and contains the following fields:

- First Name:** A text input field containing 'Alvin'.
- Last Name:** A text input field containing 'Lam'.
- Email:** A text input field containing 'alvin@ensemble.com'. To the right of this field is a red error message that says 'Invalid email'.
- Folio Permissions Privilege:** A dropdown menu currently showing 'Read/Write'.
- User Management Access:** A checkbox labeled 'Yes, grant access to User Management', which is currently unchecked.

At the bottom of the form, there are two buttons: a blue 'Add New User' button and a grey 'Cancel' button with a close icon.

## Notes

Adding a new user will open up this screen giving the user options to fill out.

# User Management: Group Selected

The screenshot displays the 'ensemble Entitlements Admin' interface. The top navigation bar includes 'Settings' and 'Logout'. The main navigation tabs are 'FOLIO PERMISSIONS' and 'USER MANAGEMENT'. The left sidebar lists categories: Administration, IT, Legal, Marketing, **Print & Production**, and Graphic Design. The main content area shows the details for the 'Print & Production' group, including its name, description, and a list of members. Two callout boxes are present: '1' points to the group name, and '2' points to the 'Edit Group Info' button.

**1** Group Information

All information about the group will be shown on this screen, including the name, description and members of the group.

**2** Controls

A user may edit the group information or delete the group.

## Notes

- 1 Group Information**  
All information about the group will be shown on this screen, including the name, description and members of the group.
- 2 Controls**  
A user may edit the group information or delete the group.

# User Management: Add New Group

ensemble Entitlements Admin

FOLIO PERMISSIONS USER MANAGEMENT

Settings Logout

Add New Group

Name: Print & Production

Description: Lorem dolor ipsum...

1 Add Groups: Search for groups...

Digital Media

Social Media

Public Relations

Marketing Analysis

Graphic Design

2 Add Users: Search for users...

Aaron Ming

Addison Marzo

Alan Wong

Alex Yung

Andrew Johnson

Barry Ki

Bernard Poon

Bertrand Ong

Add New Group Cancel

## Notes

Adding a New Group will bring up this screen where the user will need to fill out the group name, description and select what groups if any and who should be in the group.

- 1 **Group Selection**  
Adds child groups.
- 2 **User Selection**  
Adds users to the group.

# Settings Screen

**ensemble**  
Entitlements Admin

Settings Logout

FOLIO PERMISSIONS USER MANAGEMENT

Settings

Login Credential: entitlementsadmin

Current Password:

New Password:

DPS Publisher ID: amy.w@ensemble.com

DPS Publisher ID: http://edge.adobe-dcfs.com/ddp/issueServer/issues

Server Timeout: 15 minutes

1 DPS Publisher ID

Adobe ID: amy.w@ensemble.com delete

Add Adobe ID:

Password:  Add

Save Cancel

## Notes

Users can change server/account configurations in the Settings screen.

- DPS Publisher ID**  
The user can select an existing Publisher ID to view or add a new one.