

TECH TIP

CREATING AND ACCESSING A PROGRAM ORACLE PRIMAVERA UNIFIER

A program in Unifier allows multiple projects (WBS-shells) to be monitored, compared and reviewed. Examples of this could be a portfolio of projects overseen by a project manager or it could be a specific set of construction projects that make up a specific construction program. Whenever there is the need to monitor a number of projects together in Unifier a program can be used.

Benefits of the Unifier Program include:

1. An overall snapshot view of progress on the projects through the Program Summary. Besides the standard view there is the ability to customize this summary page with more pertinent snapshot data.
2. Roll up financial cost data from the projects into one program cost sheet to monitor program cost health. Additionally create budget, commits, spends and forecasting cash flow curves from this consolidated cost data.
3. Tracking progress of the overall program looking at the schedule data from each of the projects.
4. Create program-level reporting using User-Defined Reports (UDR).

For enterprise wide flexibility, projects (WBS-shells) can be selected from different shell hierarchies. Those not familiar with a shell hierarchy in Unifier, it is a representation of projects within a real-world physical or organizational structure. This hierarchy can have multiple levels with a top level shell and different sub-shells making up the levels below.

A simple shell hierarchy example could be:

Region (top shell)

- Sub-Regions (sub-shell)
 - Cities (sub-shell)
 - Assets (sub-shell)
 - Rental Buildings (sub-shell)
 - New Construction Projects (sub-shell)
 - Retail Buildings (sub-shell)
 - New Construction Projects (sub-shell)

Taking our example, there could be two shell hierarchies. One for Region Asia and the other for Region North America. There could be a management requirement to keep track of new rental building project in specific sub-regions and cities in Asia and also in

CREATING AND ACCESSING A PROGRAM

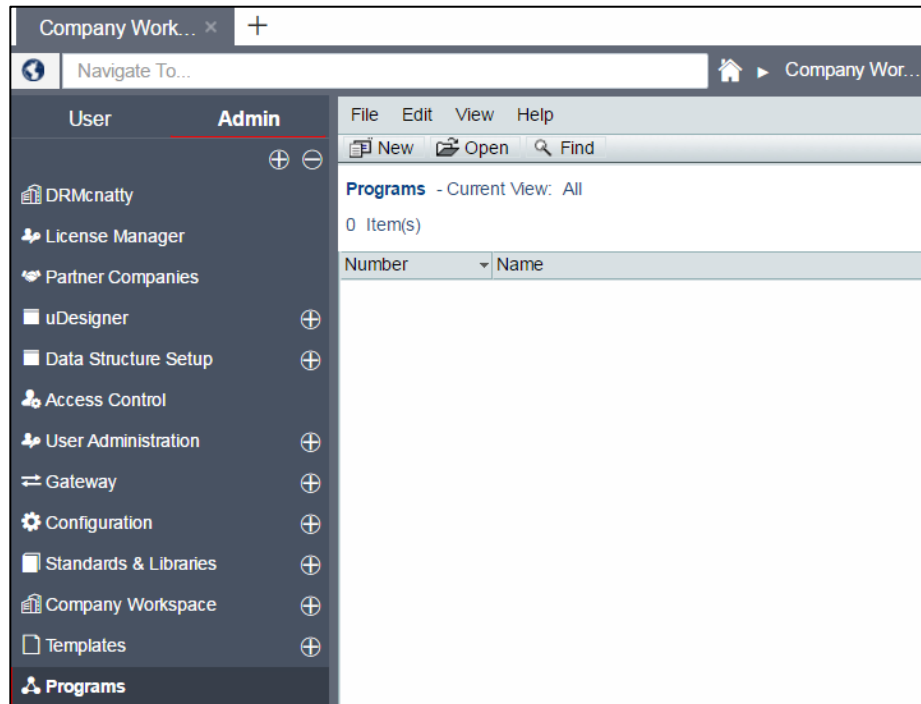
North America. This can be achieved using a program.

CREATING AND ACCESSING A PROGRAM

This tech tip will look at how to create a program and make it available for user mode access.

1. CREATE THE PROGRAM

Go to the Company Workspace > Admin Mode > Programs node. Click 'New'.



From the General tab, enter the appropriate Program Number, Program Name and Administrator (the mandatory fields). Ensure the Status is selected to Active.

A screenshot of a web application form titled 'General'. The form contains several fields: 'Program Number' (text input, value: PROG 001), 'Setup Date' (text input, value: 11/21/2016), 'Program Name' (text input, value: Program 001), 'Description' (text area), 'Administrator' (text input, value: Company Administrator), 'Image' (text input, value: (JPEG/GIF & 500W x 300H pixels)), 'Program Category' (dropdown menu), and 'Status' (radio buttons: Active, Inactive, On-Hold). The 'Active' status is selected. There are 'Select...' and 'Browse...' buttons next to the 'Administrator' and 'Image' fields respectively. At the bottom of the form are 'OK' and 'Cancel' buttons.

CREATING AND ACCESSING A PROGRAM

The Projects/Shells tab is where we will select the projects required for this program. Click 'Add'.

General Projects/Shells Progress Links

Projects/Shells Membership:

Number	Name	Status
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Add Remove

OK Cancel

From the pop-up Projects/Shells window select the projects. Use the <Shift> key to select multiple projects at once. Click 'Add' to return to the previous window.

General Projects

Projects/Shells Membership:

Number	Name	Status
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Add Remove

https://unifierdemo161.mlmprojectservices.com/bp/admin/pr

Add Close Window Find

Projects/Shells - Current View: All

47 Item(s) Page 1 of 1 Display 100 Items Per Page

Number	Name	Status
P-0018	WV Soil Remediation Project (P...	Active
P-0019	9013 Machias to Ellicottville Pav...	Active
P-0020	Rudy's Test 3segment Code	Active
P-0021	Pam's Play Project	Active
P-0022	Rudy's Playpen	Active
P-0023	Hospital Manhattan Expansion	Active
P-0025	Montgomery Lane Utility Relocati...	Active
P-0026	Adolf Terrace	Active
P-0027	Sanders Airport Terminal 2	Active
P-0028	Sanders Airport Terminal 1	Active
P-0029	Line 333 MP 5.63	Active
P-0030	Bailonggang Wastewater Treatm...	Active
P-0031	Deer Island Sewage Treatment F...	Active
P-0032	Interstate Highway (H-3) Expansi...	Active
P-0033	East Grand Fork...	Active

CREATING AND ACCESSING A PROGRAM

The selected projects are now listed in the tab. Click 'OK' to complete the creation of the program.

Number	Name	Status
P-0026	Adolf Terrace	Active
P-0023	Hospital Manhattan Expansion	Active
P-0025	Montgomery Lane Utility Relocation	Active
P-0028	Sanders Airport Terminal 1	Active
P-0027	Sanders Airport Terminal 2	Active

2. Adding Users and Group to a Program

The program is created but now the access rights must be set. It is important to remember a user that is a member of a selected shell (that is part of a program) still requires access rights to view the program.

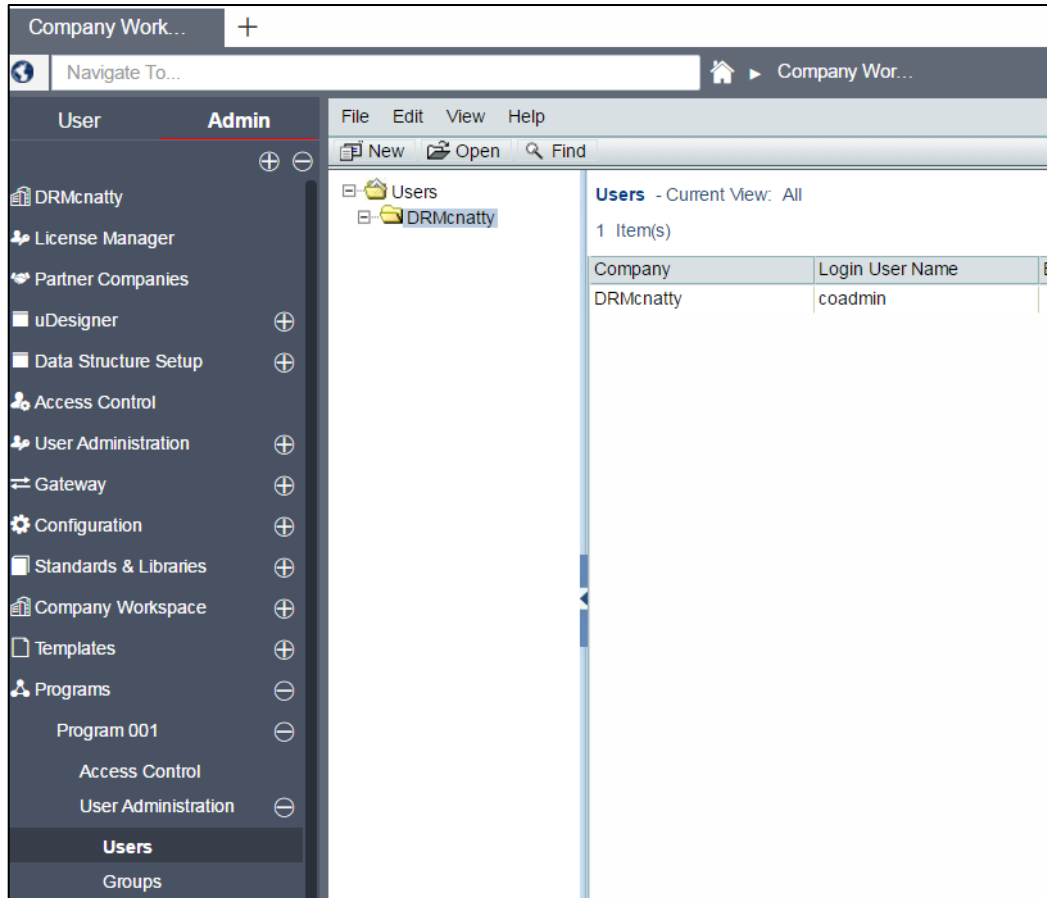
Click 'Open' to access the Program's administrative nodes.

Number	Name
PROG 001	Program 001

CREATING AND ACCESSING A PROGRAM

By default, the user account that is assigned the Administrator will have been added as a user. If the Administrator changes during the lifetime of the Program, then that new Administrative user acct will be automatically added to the program's users if it does not already exist.

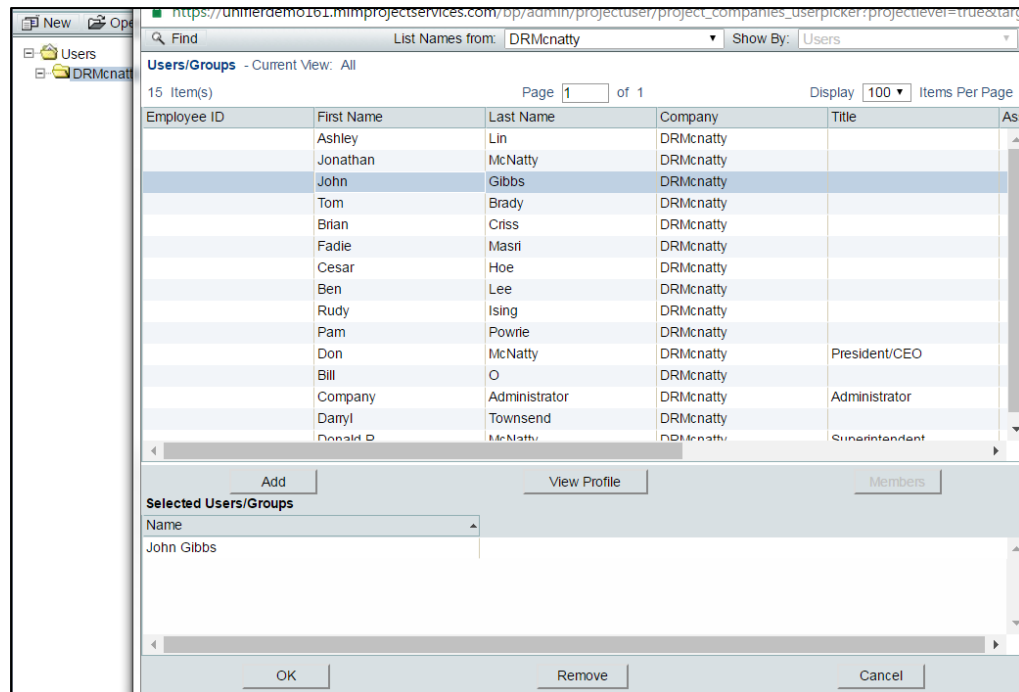
From Programs > User Administration > Users. Click 'New' to add users to this program.



CREATING AND ACCESSING A PROGRAM

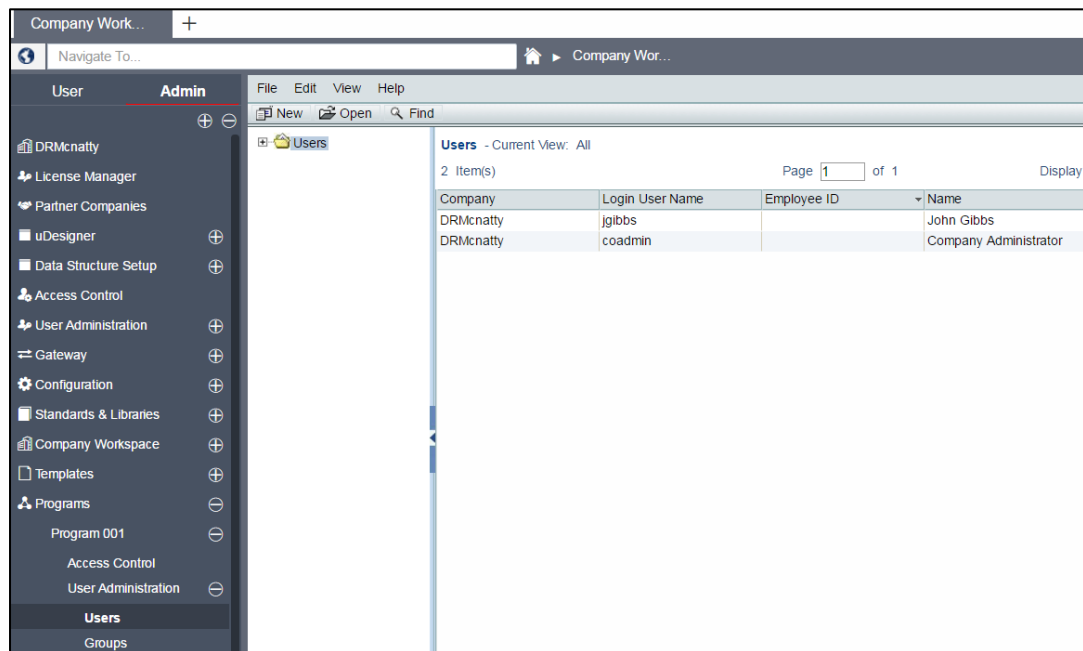
From the User/Groups pop-up window select the users you wish to add. Click 'Add' to display selected users in the bottom pane.

Click 'OK' to return to the previous screen.



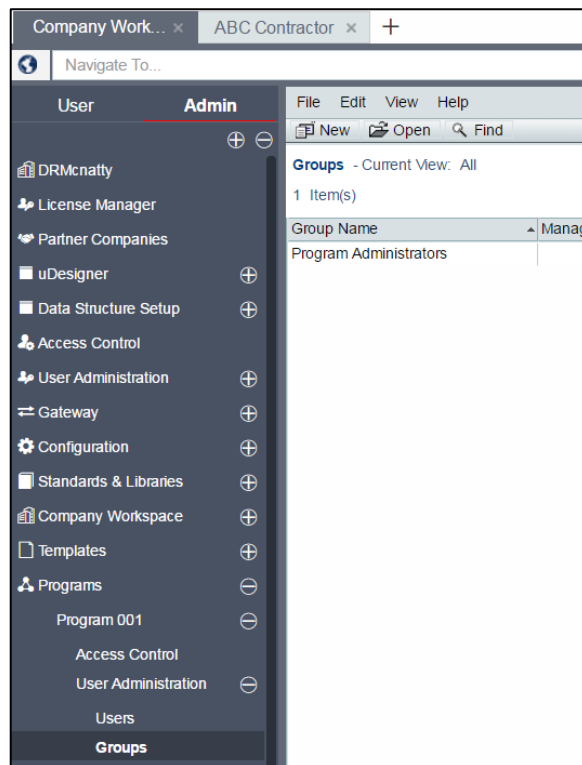
In our example we added user John Gibbs which can now be seen in the Users log.

CREATING AND ACCESSING A PROGRAM



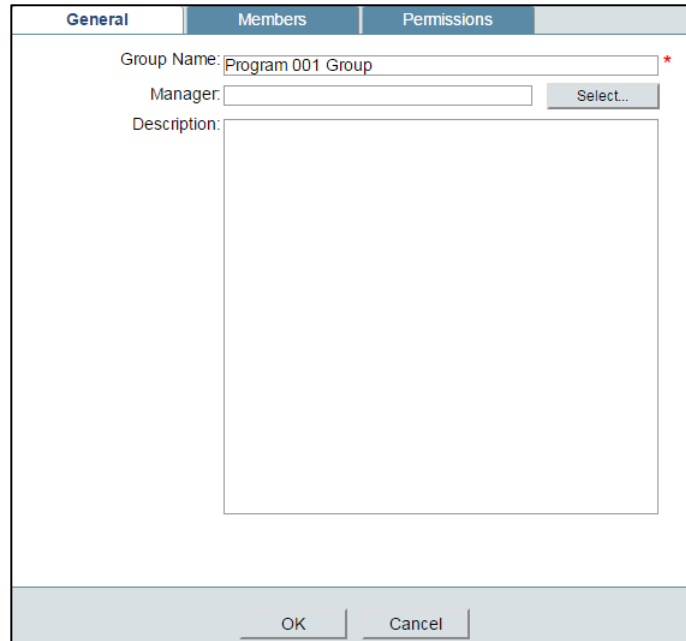
A Program Administrators group is automatically created with the program's Administrator already a member. This group includes the administrative permissions.

We will add a non-administrative group for user mode access. Click 'New'.



From the General tab, enter an appropriate Group Name.

CREATING AND ACCESSING A PROGRAM

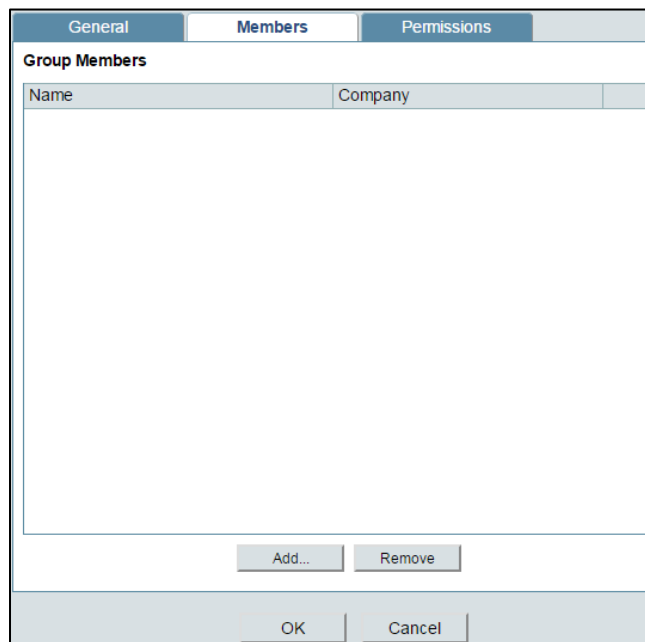


The screenshot shows a window with three tabs: 'General', 'Members', and 'Permissions'. The 'General' tab is active. It contains the following fields:

- Group Name:** A text box containing 'Program 001 Group' with a red asterisk to its right.
- Manager:** A text box with a 'Select...' button to its right.
- Description:** A large, empty text area.

At the bottom of the window are 'OK' and 'Cancel' buttons.

We will now add the users to this group. From the Members tab click 'Add'.



The screenshot shows the same window with the 'Members' tab active. It displays a table titled 'Group Members' with two columns: 'Name' and 'Company'. The table is currently empty.

Below the table are 'Add...' and 'Remove' buttons. At the bottom of the window are 'OK' and 'Cancel' buttons.

From the Users/Groups pop-up window, select the users, click 'Add' and then click 'OK'.

CREATING AND ACCESSING A PROGRAM

Find

List Names from: Program 001

Show By: Users

Users/Groups - Current View: All

2 Item(s)

Page 1 of 1

Display 100 Items Per Page

Employee ID	First Name	Last Name	Company	Title	Assi
	John	Gibbs	DRMcNatty		
	Company	Administrator	DRMcNatty		

Add

View Profile

Members

Selected Users/Groups

Name

John Gibbs

OK

Remove

Cancel

CREATING AND ACCESSING A PROGRAM

The list of users selected now appears in the Members tab.

The screenshot shows a window with three tabs: 'General', 'Members', and 'Permissions'. The 'Members' tab is active. Below the tabs is a section titled 'Group Members'. It contains a table with two columns: 'Name' and 'Company'. The table lists two members: 'John Gibbs' and 'Company Administrator', both associated with the company 'DRMcNatty'. At the bottom of the window, there are buttons for 'Add...', 'Remove', 'OK', and 'Cancel'.

Name	Company
John Gibbs	DRMcNatty
Company Administrator	DRMcNatty

Permissions for the program as a best practice will be set within the group permissions. Since this will be for non-admin users, we ignore adding permissions from the Administration Mode Access node and set them within the User Mode Access.

In this example we shall set permissions for the Program's Summary dashboard, Cost Sheet and User-Defined reports.

Set permissions for the Summary dashboard as shown below.

The screenshot shows a window with three tabs: 'General', 'Members', and 'Permissions'. The 'Permissions' tab is active. The title bar of the window says 'Module permission setup for: Program 001 Group'. Below the title bar is a section titled 'Modules For:' which contains a tree view of modules. The tree view is expanded to show 'User Mode Access' and its sub-items: 'Non-navigational Nodes', 'Summary', 'Standard View', 'Cost Manager', 'Cash Flow', and 'Cost Sheet'. The 'Summary' module is selected. Below the tree view is a section titled 'Permission' which contains a table with two columns: 'Permission' and a checkbox. The table lists 'View' with a checked checkbox. At the bottom of the window, there are buttons for 'Copy Permissions...', 'OK', and 'Cancel'.

Permission	
View	<input checked="" type="checkbox"/>

CREATING AND ACCESSING A PROGRAM

Next set permissions for the Program's Cost Sheet as shown below. Select View only if the users should have read-only access.

Modules For:	
<input type="checkbox"/> Administration Mode Access	
<input type="checkbox"/> Non-navigational Nodes	
<input type="checkbox"/> Summary	
<input type="checkbox"/> Standard View	
<input type="checkbox"/> Cost Manager	
<input type="checkbox"/> Cash Flow	
<input type="checkbox"/> Cost Sheet	
<input type="checkbox"/> Schedule Manager	
<input type="checkbox"/> Reports	
<hr/>	
Permission	<input type="checkbox"/>
Create	<input checked="" type="checkbox"/>
Modify	<input checked="" type="checkbox"/>
View	<input checked="" type="checkbox"/>

Finally set the permissions for the User-Defined reports.

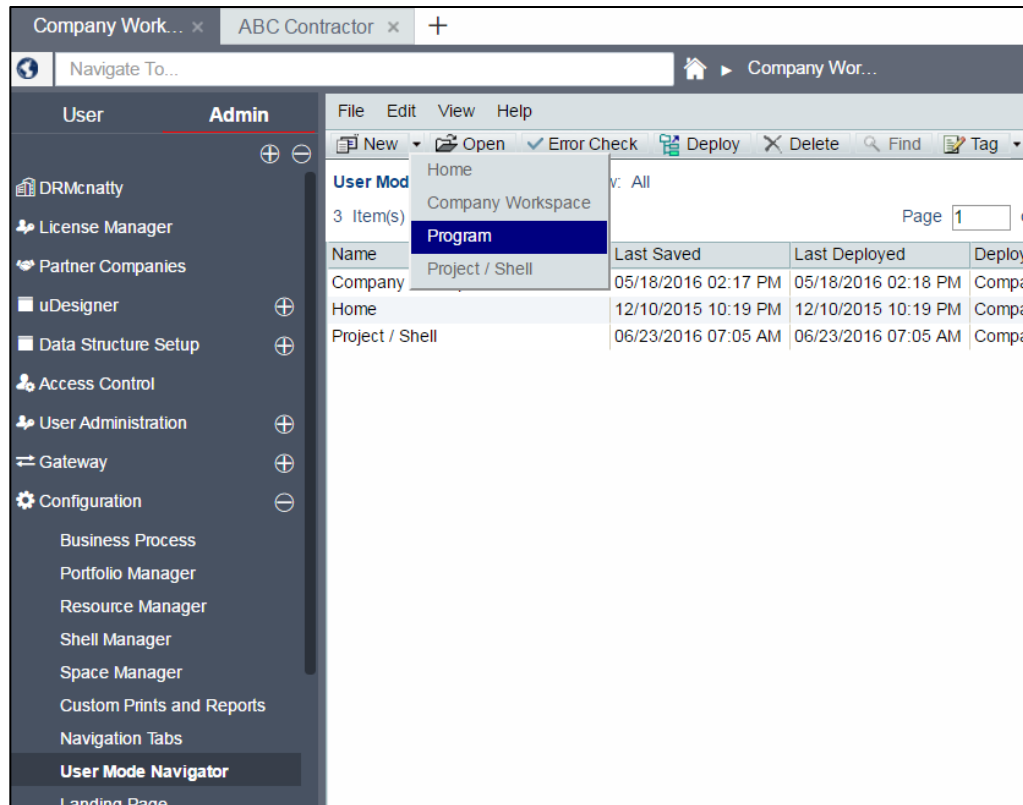
Modules For:	
<input checked="" type="checkbox"/> Administration Mode Access	
<input type="checkbox"/> User Mode Access	
<input type="checkbox"/> Non-navigational Nodes	
<input type="checkbox"/> Summary	
<input type="checkbox"/> Cost Manager	
<input type="checkbox"/> Schedule Manager	
<input type="checkbox"/> Reports	
<input type="checkbox"/> User-Defined	
<hr/>	
Permission	<input type="checkbox"/>
Create	<input checked="" type="checkbox"/>
Full Access	<input checked="" type="checkbox"/>

CREATING AND ACCESSING A PROGRAM

3. MAKE PROGRAM AVAILABLE IN USER MODE

If this is the first program created in Unifier it will not be available automatically. Just like Company Workspace, Home or Project/Shells, Programs will need its own User Mode Navigator.

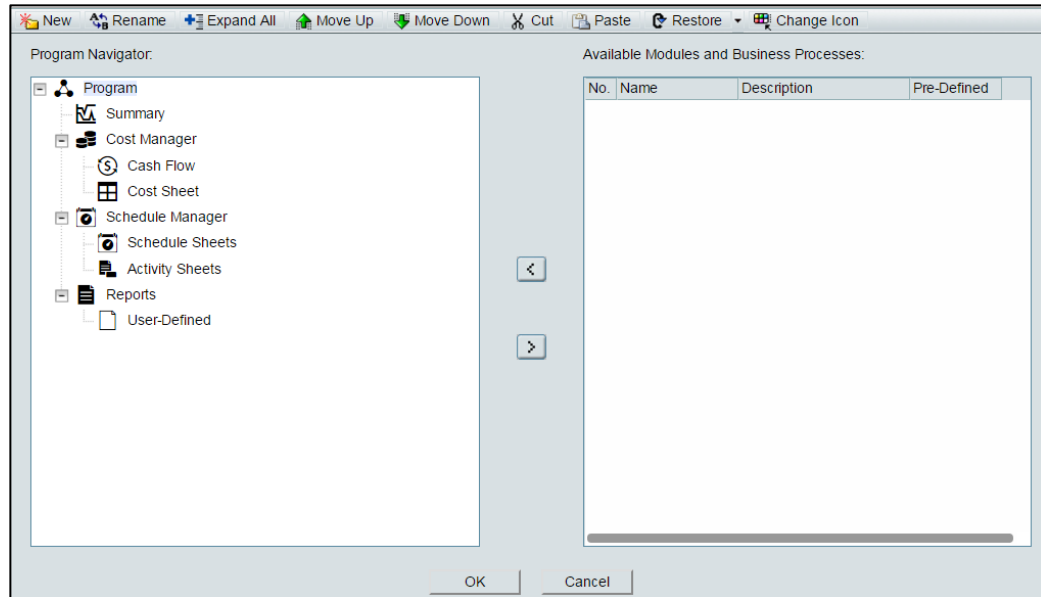
From Company Workspace > Admin Mode > Configuration > User Mode Navigator, click 'New' > 'Program' from the menu.



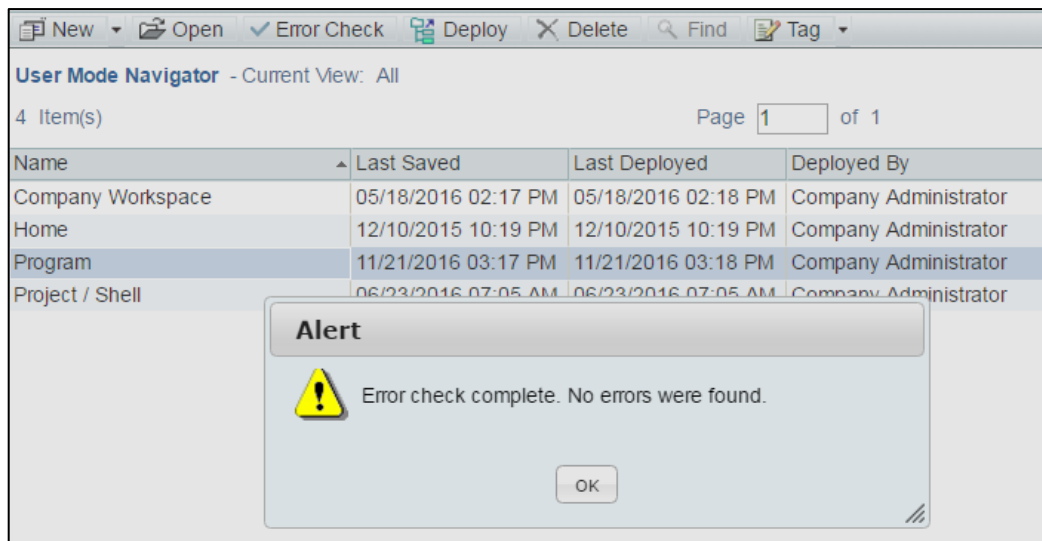
The following window will appear. All possible available modules to use within the program navigator have automatically been included. If required the main nodes Cost Manager, Schedule Manager and Reports can be renamed to something more appropriate.

CREATING AND ACCESSING A PROGRAM

Click 'OK' to return.

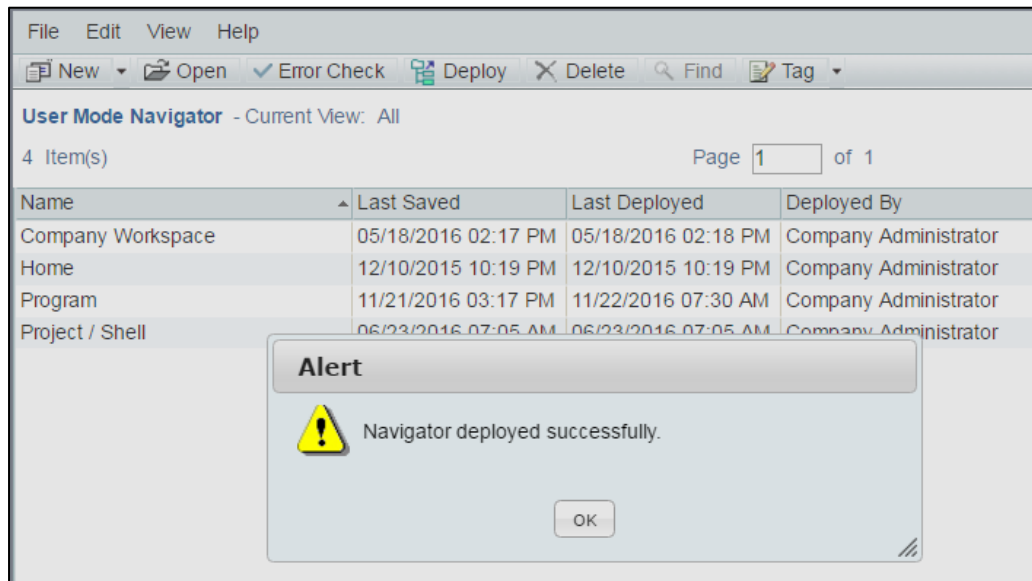


Click "Error Check" to ensure no errors have been found in the navigator. Click 'OK'.



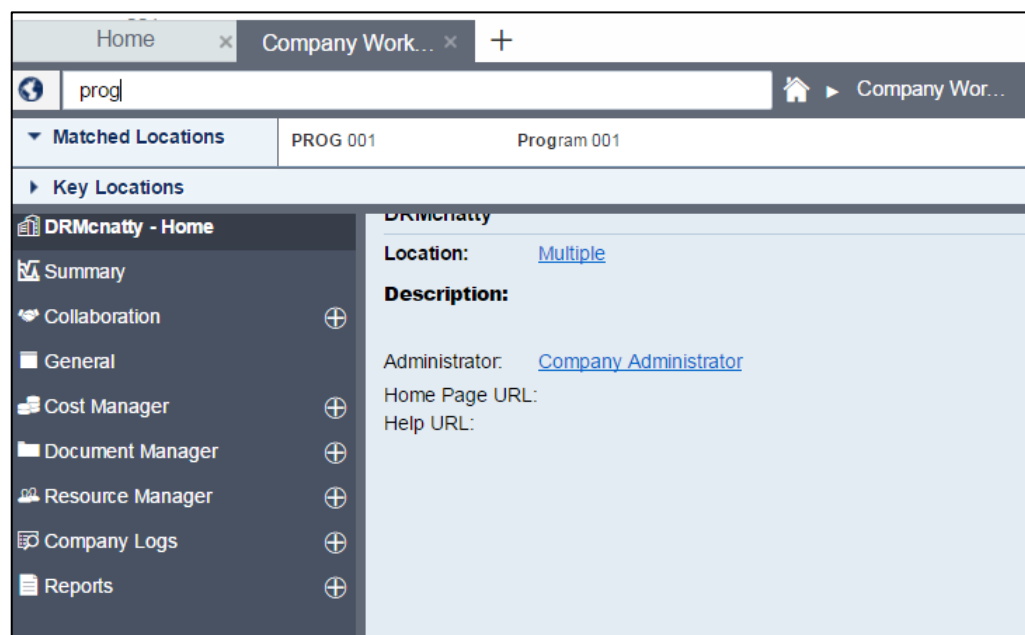
CREATING AND ACCESSING A PROGRAM

The final and key step to making this navigator available in User Mode is to deploy it. Click 'Deploy'.



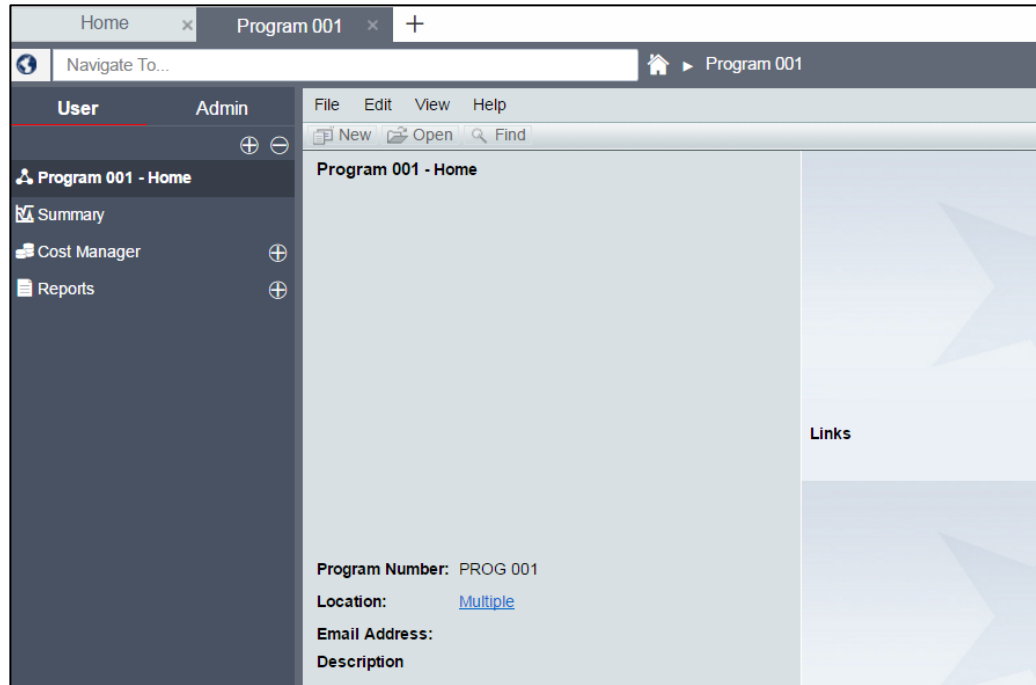
4. Accessing the Program

The program is accessed from the search bar. Start typing in the name of the program and it will appear in the Matched Locations bar. Select the program.



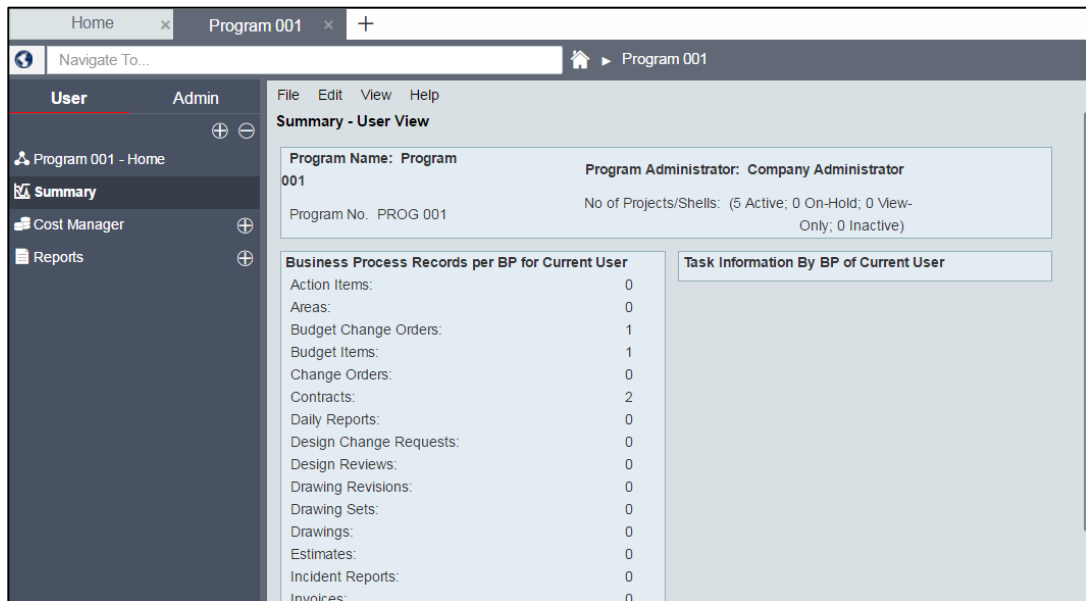
CREATING AND ACCESSING A PROGRAM

The program main window is displayed.



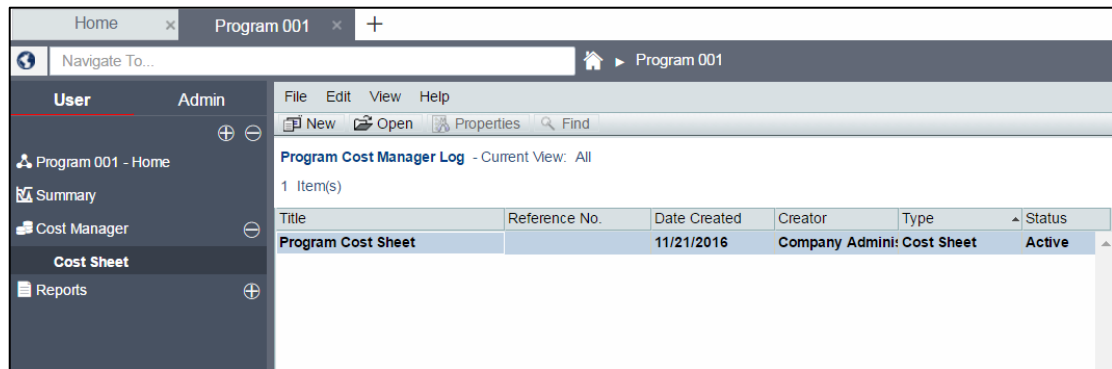
The user mode access we had set up was for Summary, Cost Manager and User-Defined Reports.

In User Mode selecting the Summary node displays the default standard view.

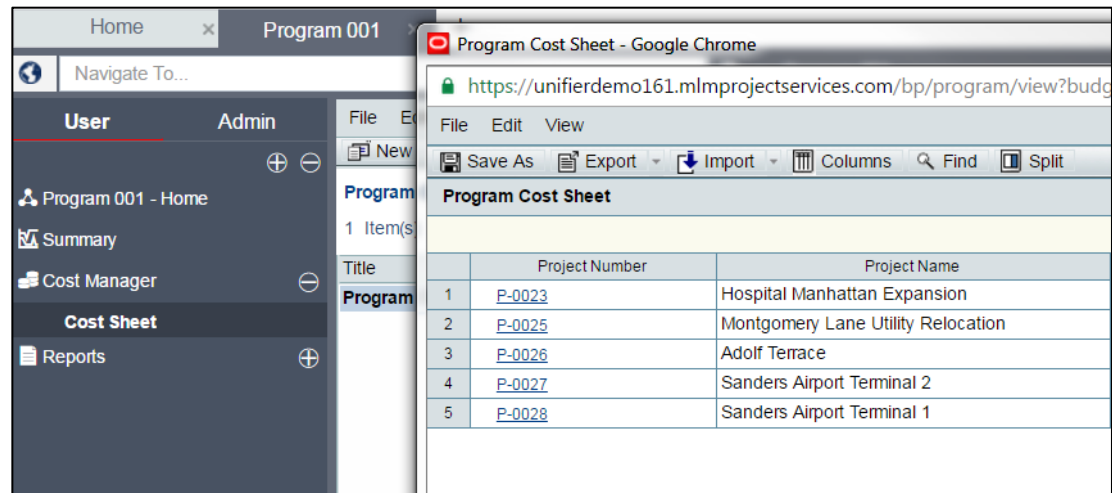


CREATING AND ACCESSING A PROGRAM

Selecting the Cost Manager > Cost Sheet node will show the Program's Cost Sheet. This has automatically been created. Click 'Open'.

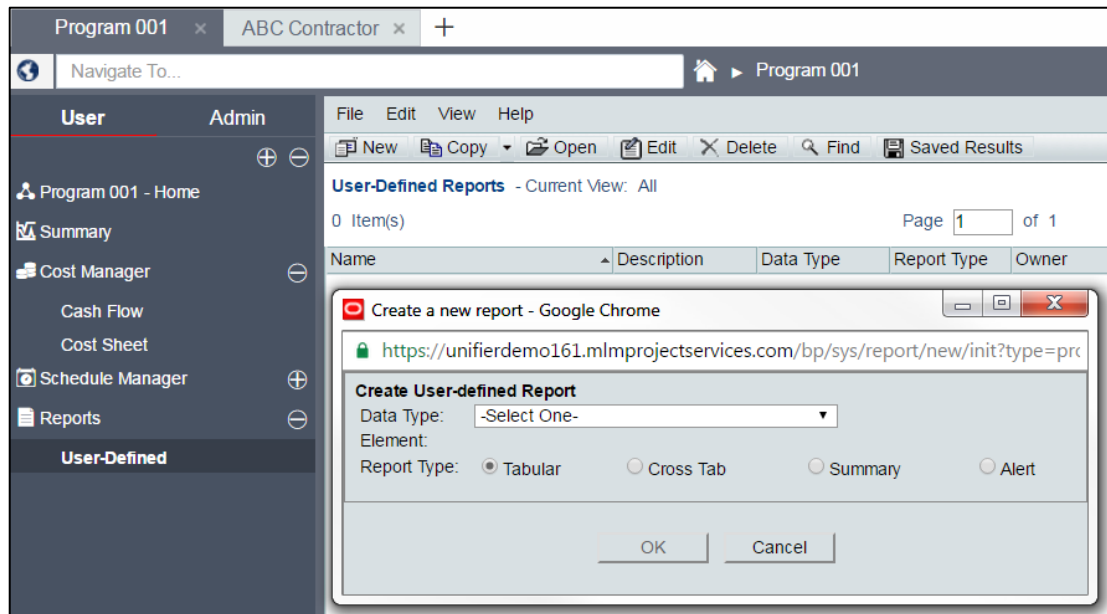


The shells we selected during program creation are listed in the cost sheet.



CREATING AND ACCESSING A PROGRAM

Selecting Reports > User-Defined displays the program reports log. Users can create their program UDRs here.



In summary, we have identified all the steps required to create and provide access to a program and its functionality which includes:

1. Summary Dashboard page.
2. Rolled up program cost sheet data and cash flow curves.
3. Summarized schedule data.
4. Program-level reporting.