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**Avoka Transact**

# Transact Composer - Previous Release Documentation

Use the links below to view documentation related to the previous releases for Transact Composer. For current Composer release documentation please see [Composer Documentation Home](#).

## Previous Releases

[Transact Composer \(Composer v4.3\)](#)

# Transact Composer (Composer v4.3)

This is the home of the Avoka Transact Composer Documentation space.

Please add any relevant information for this client to the pages below. You can navigate from the menu on the left, or search using the macro below.

Navigate space

## Recently Updated

[Transact Composer - Previous Release Documentation](#)

Dec 08, 2017 • updated by Anonymous

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[image2016-6-30 14:23:31.png](#)

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[worddav536ac42c2e3dc5d5b132a7d1efcac8c8.png](#)

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[worddav7d6948f260e408a392c1419e536242a4.png](#)

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[image2015-11-4 16:2:57.png](#)

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[image2016-3-31 14:52:50.png](#)

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# Composer Account Administration (Composer v4.3)

The Composer Administration Guide steps an administrator through features of Composer that manage and maintain their organizational hierarchy as well administration of users in their Accounts.

## Aim of this Guide

Avoka Transact Composer has a set of administration tools, which allow for fine-grained control over Composer's configuration. There are also a number of maintenance tasks that you regularly should perform, so that your users can get the most out of Composer.

## Notation

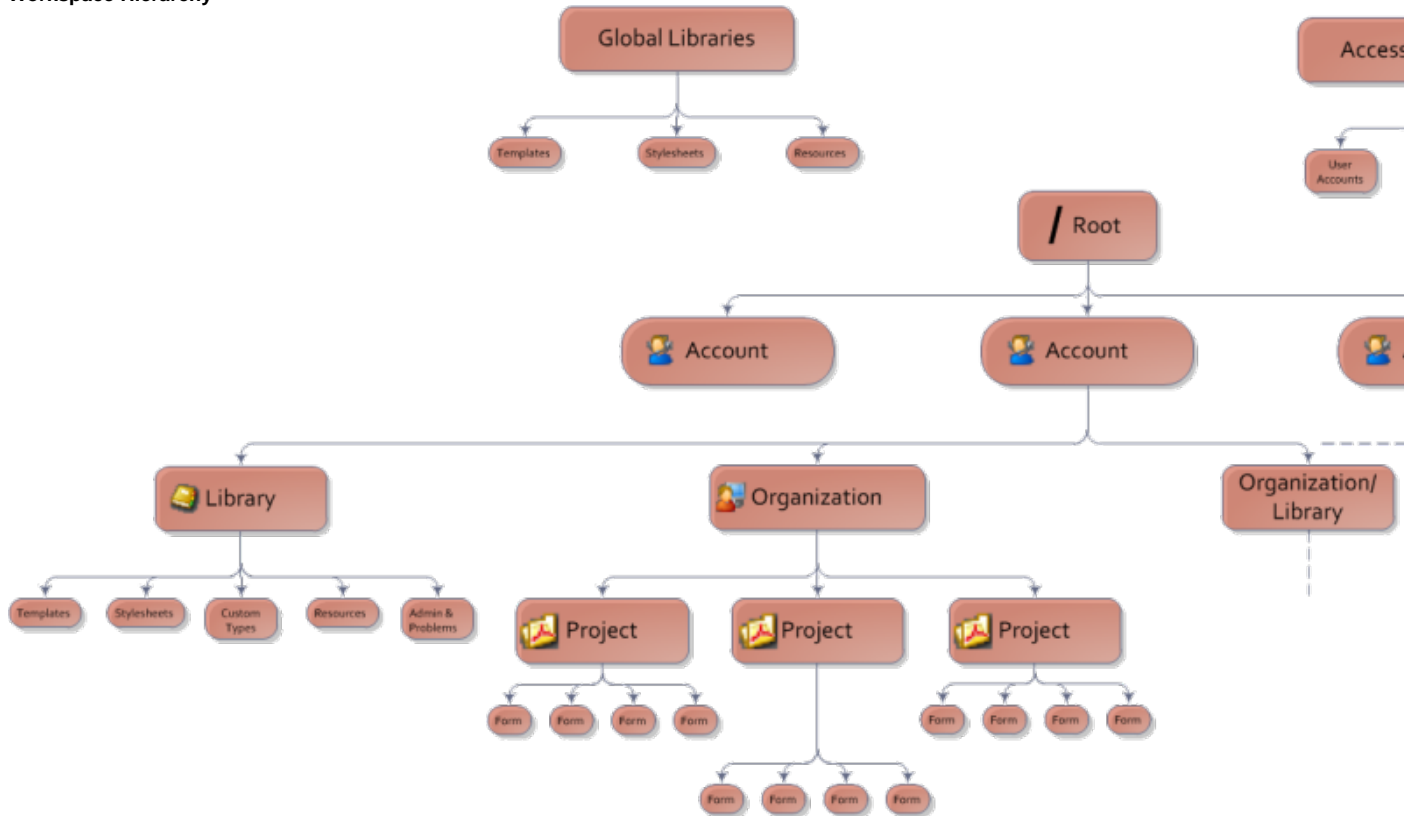
Throughout this administration guide, we use the notation "->" to indicate a location in the interface to carry out a task.; for example: "Access Control -> Users -> New System User"

Angle brackets (" $<$ " " $>$ ") indicate the general name, for example "<Account>" for "Foobar Account" or "My Account" or whatever.

# **Table of Contents for Composer Account Administration (Composer v4.3)**

# The Workspace (Composer v4.3)

## Workspace Hierarchy



The Root level is the top of the Composer environment; this is at the server level. You access Composer through a recommended browser and assigned URL. If you have opted to host Composer yourself and not in the Avoka community cloud, some of the issues of hosting your own environment may not be covered in this document.

The Composer workspace is organized into a number of Accounts. Above these lies the Avoka-administered Root level. You will have been assigned to one or more of these Accounts, which will be the areas you will be administering. The [Account level](#) usually corresponds to the Enterprise level in the real world. An Account can have many Organizations, usually corresponding to the department level in the enterprise.

Floating above the Root are the Global Libraries and [Access Control](#). Global Libraries are, as it were, dynamic super libraries, in the sense that changes to these will ripple through the entire system of account-level libraries. More on libraries will follow.

We have placed, somewhat arbitrarily, Access Control outside of the Workspace, mainly because it lies outside of the Workspace structure (though not entirely, [as we will see](#)). Also, although you can create roles and assign users, all your access control settings are not held under the account level like, say, libraries.

In most usual account configurations, the end users are normally granted rights to set up Projects and create forms under them. The Project level is often used by designers as their personal space. However, you decide whether you will adhere to this scheme.

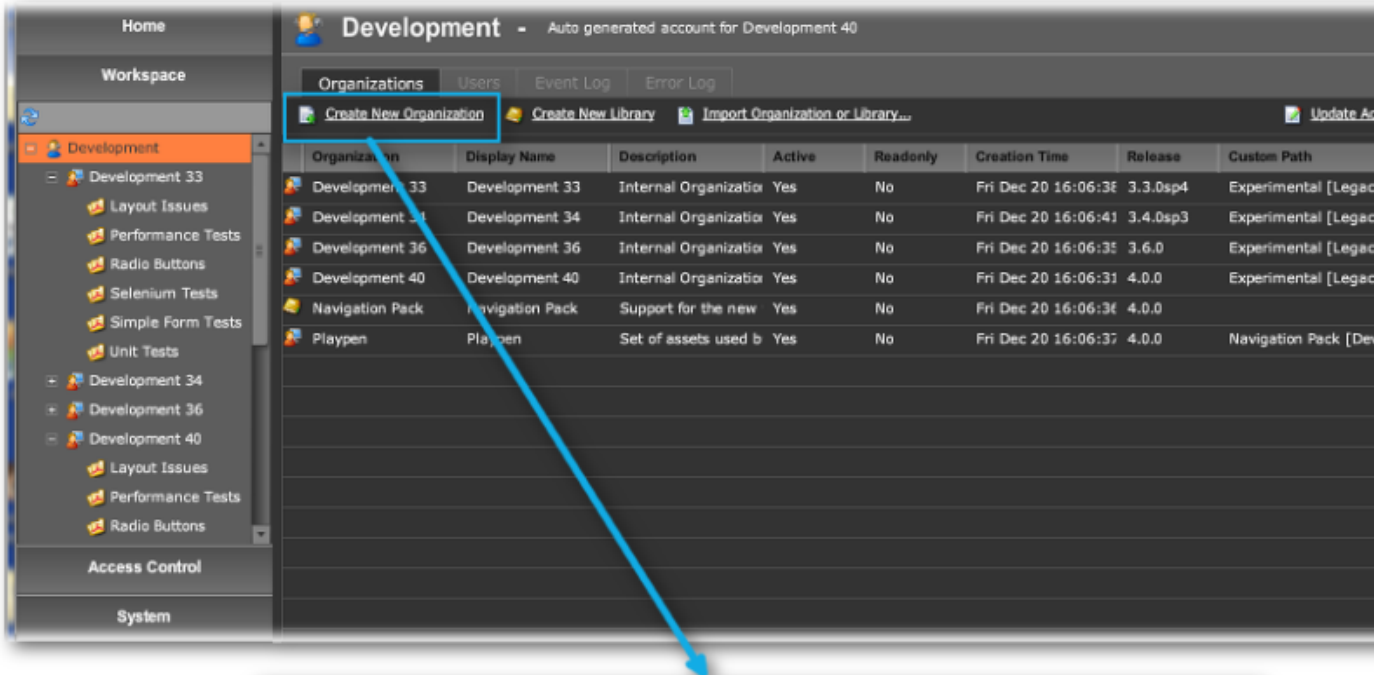
# Creating New Organizations (Composer v4.3)

## Creating New Organizations

Location: Workspace -> <Account>

Required Permissions: [ORGANIZATION\\_ADMIN](#) , [ORGANIZATION\\_EXPORT](#) , [ORGANIZATION\\_IMPORT](#)

Roles: [System Administrator](#) , [Avoka Engineer](#) , [Account Administrator](#) , [Avoka Partner](#)

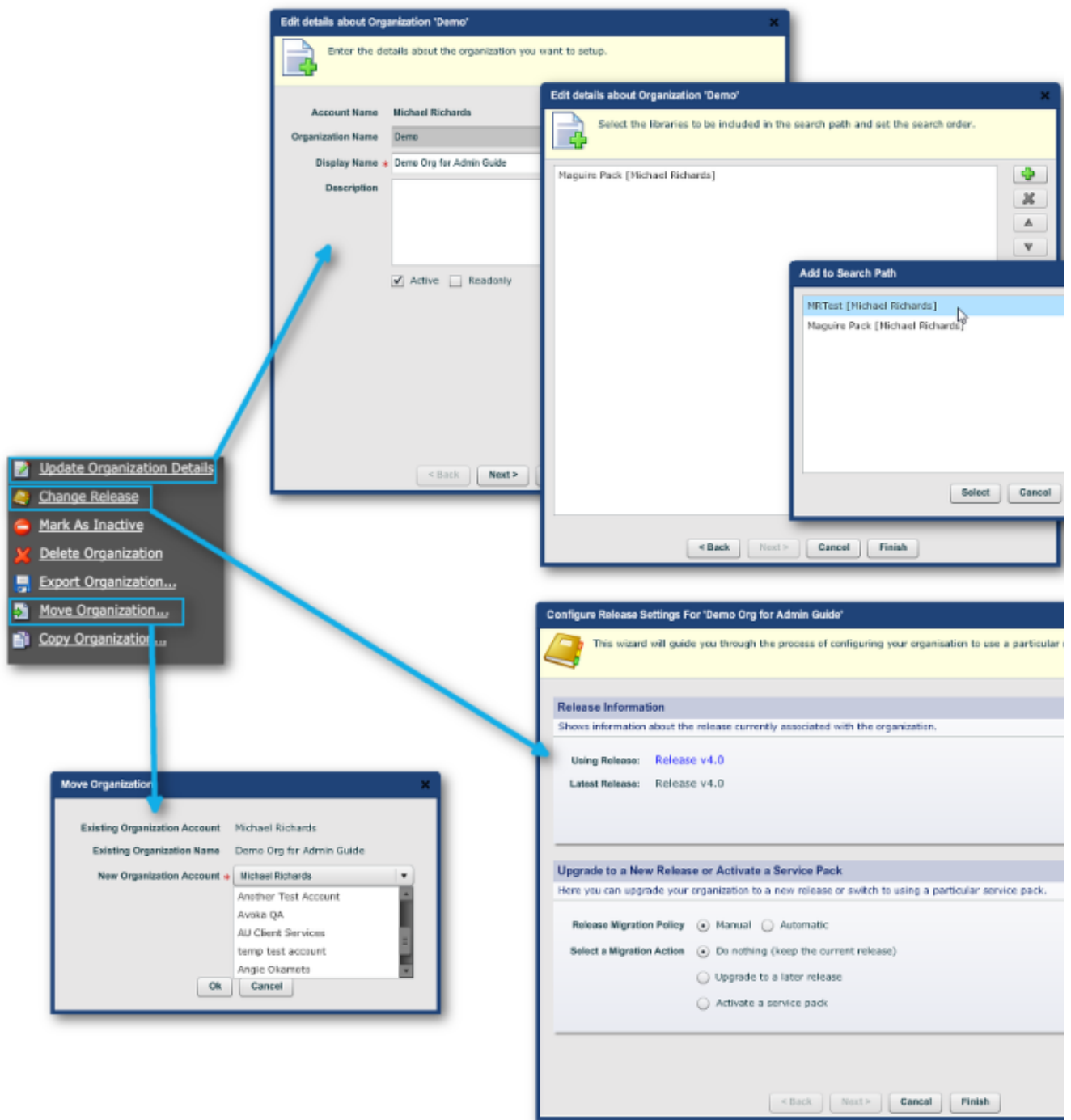


The 'Setup a New Organization' dialog box is shown. It has a yellow header with a plus icon and the text 'Enter the details about the organization you want to setup.' Below this are several fields: 'Account Name' (Michael Richards), 'Organization Name' (Demo), 'Display Name' (Demo Org for Admin Guide), and 'Description' (empty text area). At the bottom, there are two dropdown menus: 'Release' (Release v4.0) and 'Service Pack' (No service pack). To the right of these is the text 'Compatibility settings'. At the very bottom are four buttons: '< Back', 'Next >', 'Cancel', and 'Finish'.

You can also create Organizations at the Location: System -> [Organization Management](#) .

We strongly recommend that you set the release compatibility to the latest version and service pack; however, you have the option of going with earlier versions.

The Organization needs to be configured, carried out at the Account Level of the UI:



# Creating New Projects (Composer v4.3)

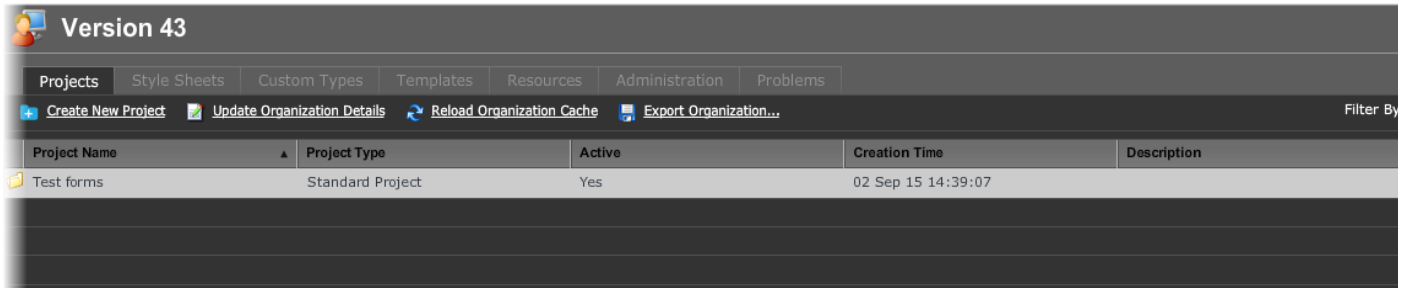
Location: Workspace -> <Account>

Required Permissions: [PROJECT\\_ADMIN](#)

Roles: [System Administrator](#) , [Account Administrator](#) , [Avoka Engineer](#)

You create new Projects at the Location "Workspace -> Account -> Organization" of the UI and at that level only.

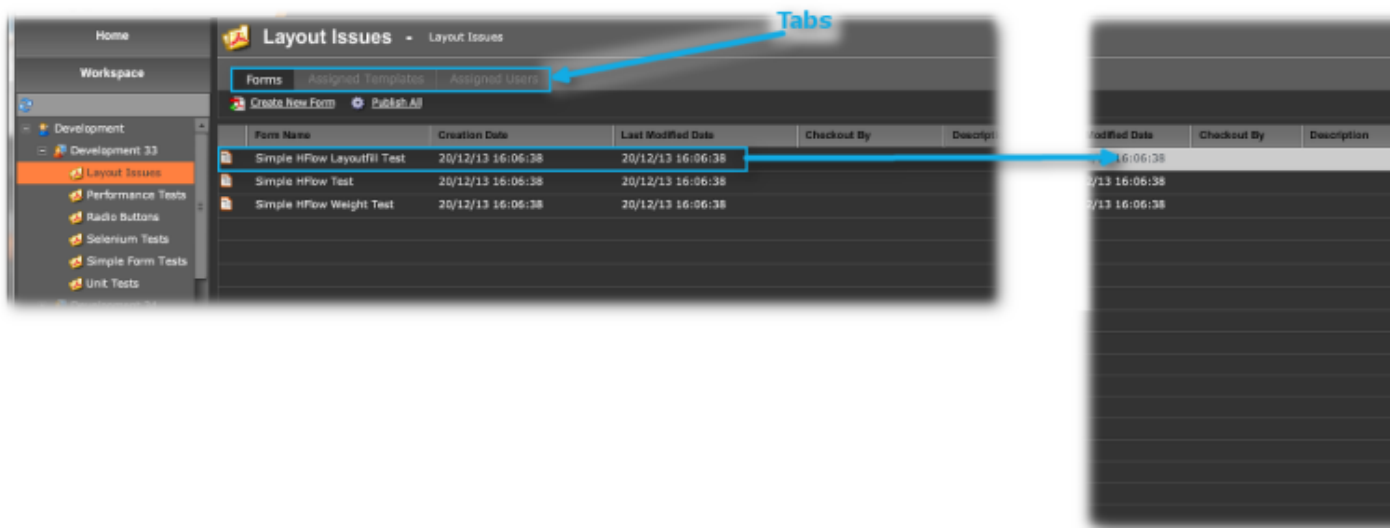
The Project Options from the Organization level look like this:



You also have some editing actions:

- Update the Project's details
- Make the Project inactive (which is tantamount to deleting the Project)

The Project level of the UI looks like this:



There are 2 further tabs at this Project level. These are inspectors where you can view the allocation of templates and users to the Project,

- Assigned Templates: you can filter templates by Current Organization or for all templates in the environment.
- Assigned Users: you can block individual users so that they will not be assigned to new forms

# Creating and Importing Libraries (Composer v4.3)

## Overview

An account can have many Libraries. Each of these is a collection of assets, i.e. templates and so forth.

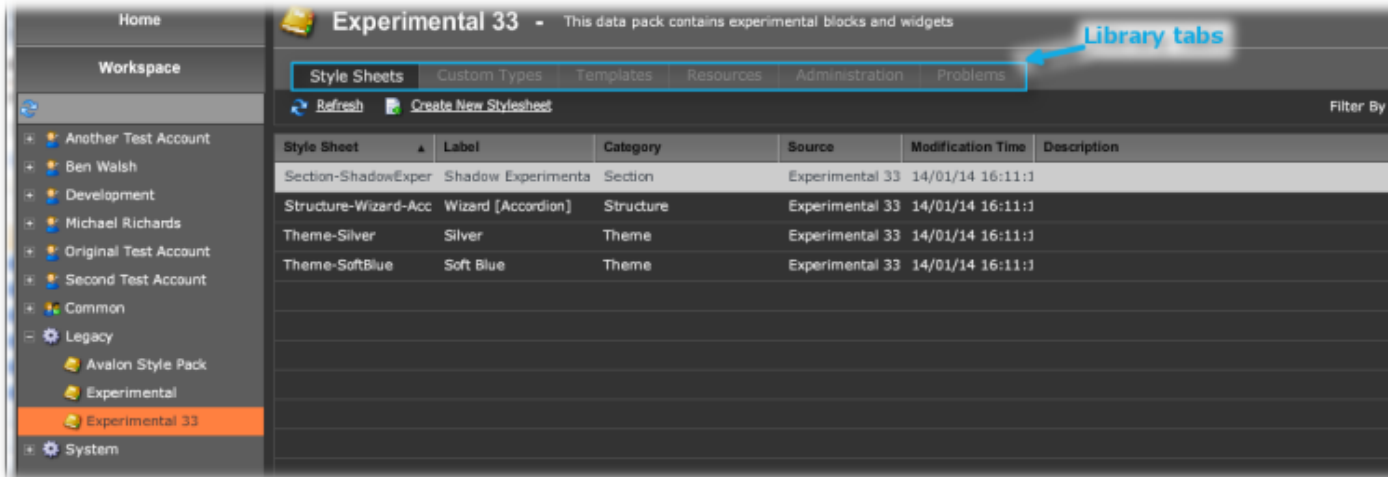
A Library or Libraries can be assigned to Organizations.

So, it becomes possible that different Organizations (or even Projects) in the one Account can have different designs to their forms through the use of different Libraries.

This flexibility was not easily configurable in earlier versions of Composer.

The various releases and libraries in Composer form a stack. We strongly recommend that you read "Library Advanced Features" in the Composer Guide.

## Library Level of the UI



The Library level has a number of powerful features accessed through the Library tabs and the whole structure of library elements are accessible to users given the necessary rights (see [Allocating Users](#) ).

## Creating a New Library

**Location:** Workspace -> <Account> -> Create New Library link

**Required Permissions:** [ORGANIZATION\\_ADMIN](#) , [LIBRARY\\_EXPORT](#) , [LIBRARY\\_IMPORT](#)

**Roles:** [System Administrator](#) , [Account Administrator](#) , [Avoka Engineer](#) , [Avoka Partner](#)

### Setup a New Library

Enter the details about the library you want to setup.

**Account Name** Michael Richards

**Library Name \***

**Display Name \***

**Description**

Active  Readonly

**Release**

**Service Pack**

# Export Options (Composer v4.3)

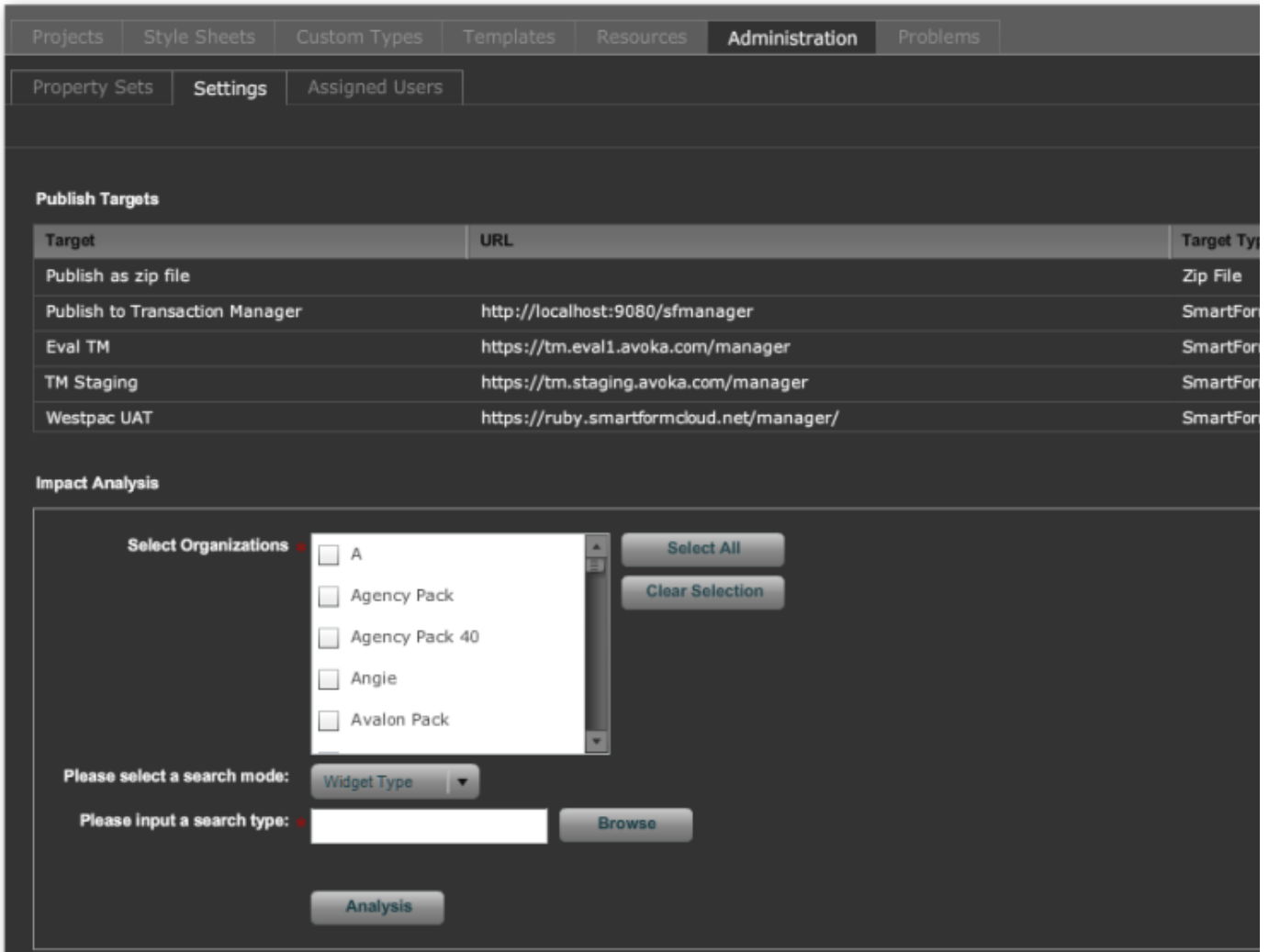
**Location:** System -> Data Management

**Roles:** System Administrator

**Location:** Workspace -> <Organization> -> Administration tab -> Settings tab

**Required Permissions:** [DATAPACK\\_EXPORT](#)

**Roles:** [Avoka Engineer](#) , [Avoka Partner](#)



You can configure how your users export forms to Transaction Manager by using the "Publish Targets" parameters. You can add or delete targets and edit them.

The content, on clicking on the "Export" button and select one of the two options configured above, is either downloaded to your browser as a .zip file or sent to the Transaction Manager instance at the https URL.

The "Impact Analysis" produces a report on which Projects in the selected organizations (and you can select multiple organizations) for the following search modes:

- Widget Types
- Templates
- Style Sheets

Then, you must select to search for particular items in these modes: i.e. for a particular widget or widgets, for a particular template or a particular style sheet

This results in a report dialog that gives the project and forms that use these items.

## Inspecting an Organization's Libraries

**Location:** Workspace -> <Account> -> <Organization>

**Required Permissions:** [ORGANIZATION\\_ADMIN](#)

**Roles:** [System Administrator](#) , [Account Administration](#) , [Avoka Engineer](#) , [Avoka Partner](#)

At the Organization level of the UI, the Organization's Projects are selectable in the default tab and perform actions on them.

But from the point of view of administrating the Organization, the tabs other than Projects are useful for inspecting the library elements assigned to the Organization, using:

- [Maintaining Libraries \(Composer v4.3\)#topic\\_AssigningandMaintainingStylesheets](#)
- [Maintaining Libraries \(Composer v4.3\)#topic\\_Maintaining\\_Custom\\_Types](#)
- [Template tab](#)
- Resources tab

Each of these tabs have, top right, a dropdown filter selector to view these by the Current Organization or by All Organizations (in the current environment). Use the Administration tab to configure and allocate [Property Sets](#) .

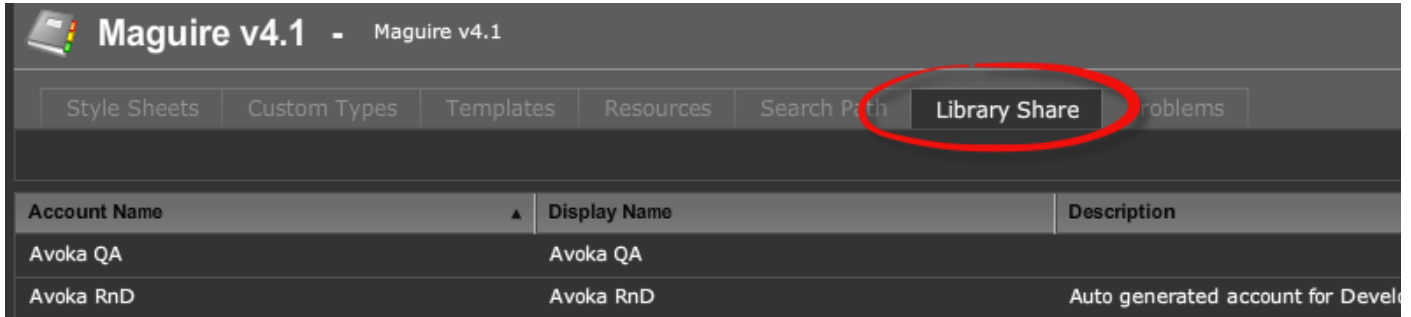
# Maintaining Libraries (Composer v4.3)

## Sharing Libraries with Accounts

Location: Workspace -> <Account> -> <Library> -> Administration tab -> Library Share tab

Required Permissions: [LIBRARY\\_SHARE](#)

Roles: [Avoka Engineer](#) , [Avoka Partner](#)



The library share tab lists all the Accounts in the Environment. The Action button can be used to associate the library to Account or alternatively block the Library.

Note that the library is not visible in the Account's organizations until the library is shared with the account.

## Assigning Libraries to organizations from the Workspace

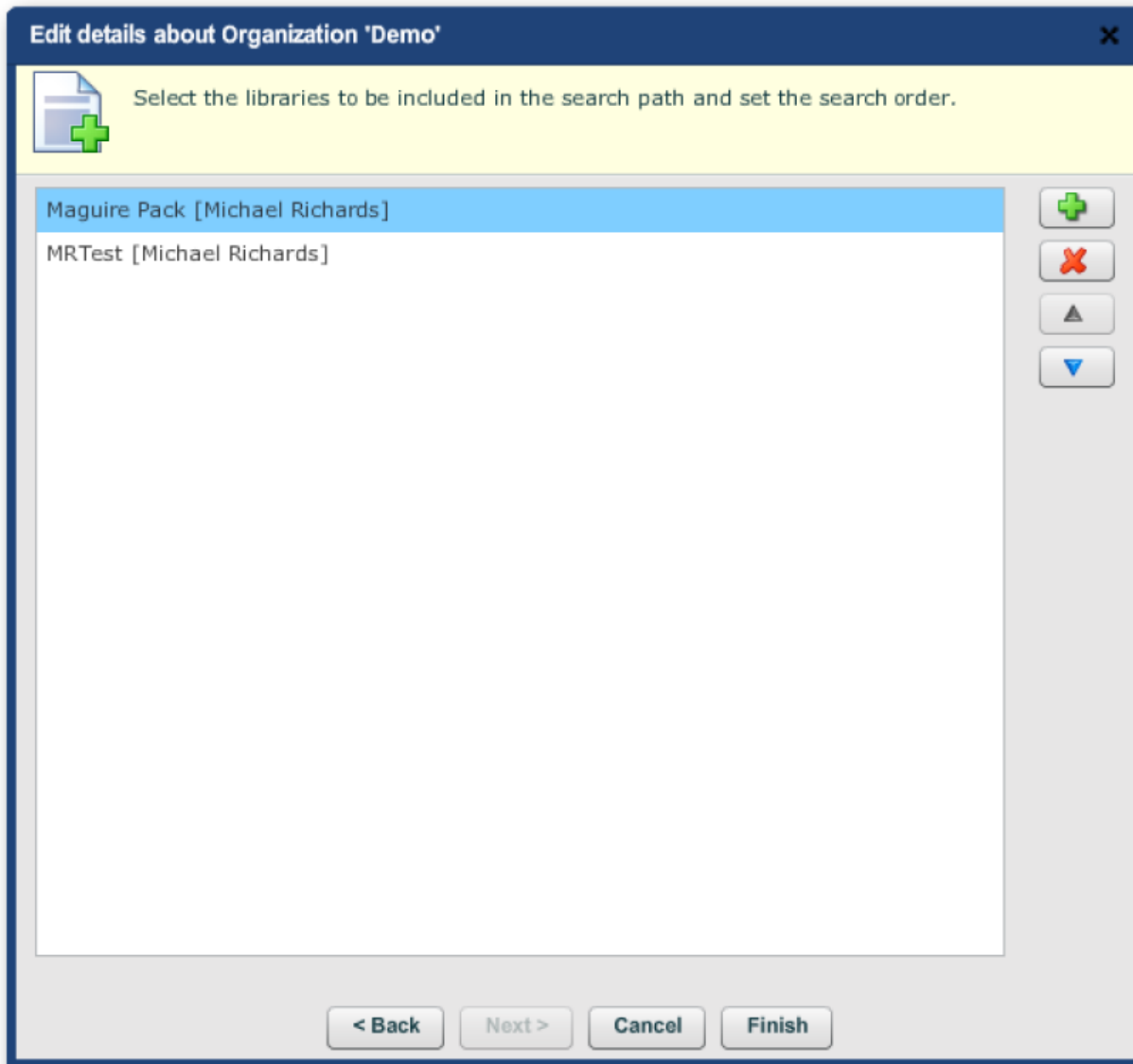
To assign the library to an organization, either:

- go to Workspace -> <Account> -> <Organization> and click on the Action "Update Organization Details" or
- at the Workspace -> <Account> -> <Library> click on "Update Library Details".

Required Permissions: [ORGANIZATION\\_ADMIN](#) , [LIBRARY\\_SHARE](#)

Roles: [Account Administrator](#) , [Avoka Engineer](#) , [Avoka Partner](#)

In both cases, go through the first stage of the Wizard, and click on "Next", where you can assign Libraries to your Organization or Library. The dialog where you do this looks like this:



Libraries also can come with Service Packs (see Change Release) and are then termed "Data Packs". But despite the different name, they are libraries and can be configured the same ways.

## Assigning and Maintaining Stylesheets

### Overview

Stylesheets are the building blocks to any template.

This also means that there are a great number of these and they have many categories.

You are even free to add to the list of categories (which you do in the "Save Style Sheet as..." dialog shown below).

Generally, you will be assigning Stylesheets at Workspace -> <Account> -> <Library>. Freshly-created Organizations do not have their own stylesheets, but can access the libraries [assigned to them](#).

### Editing Stylesheets

**Location:** Worksheet -> <Organization> -> Style Sheets tab  
or

**Location:** Worksheet -> <Library> Style Sheets tab

**Required Permissions:** [STYLESHEET\\_MGMT](#)

**Roles:** [System Administrator](#), [Account Management](#), [Avoka Engineer](#), [Avoka Partner](#), [Creating Users \(Composer v4.3\)#topic\\_Creating\\_Roles2Developer](#)

By default, an Organization can access the Account's stylesheets. These are all read-only.

You can perform a "Save as..." on each of these so in that you can edit the new versions and also assign them to nominated libraries.

Maguire - Ben Walsh

Projects | **Style Sheets** | Custom Types | Templates | Resources | Administration | Problems

Refresh | Create New Stylesheet | Filter By Source:

Style Sheet	Label	Category	Source	Modification Time	Description
-------------	-------	----------	--------	-------------------	-------------

Refresh | Create New Stylesheet | Filter By Source:

Style Sheet	Label	Category	Source	Modification Time	Description
BaseContent-Maguire	Maguire Base Content Styling	BaseContent	Maguire Pack 40 [Avc	09/05/14 14:40:12	
BaseError-Maguire	Maguire Base Error Styling	BaseError	Maguire Pack 40 [Avc	09/04/14 09:15:58	
BaseFunctionBar-Maguire	Maguire Base Function Bar S	BaseFunctionBar	Maguire Pack 40 [Avc	05/05/14 10:33:26	
BaseHeader-Maguire	Maguire Base Header Styling	BaseHeader	Maguire Pack 40 [Avc	09/05/14 15:02:58	
BaseJobControl-Maguire	Maguire Base Job Control Sty	BaseJobControl	Maguire Pack 40 [Avc	11/04/14 11:10:04	

Save Style Sheet As... [X]

You can use this dialog to create a style sheet.

Name \* Button-MyBootstrap

Category Button [v] New Category

Style Sheet Name Button-Button-MyBootstrap

Label MyBootstrap

Description Demo of Stylesheet Save As

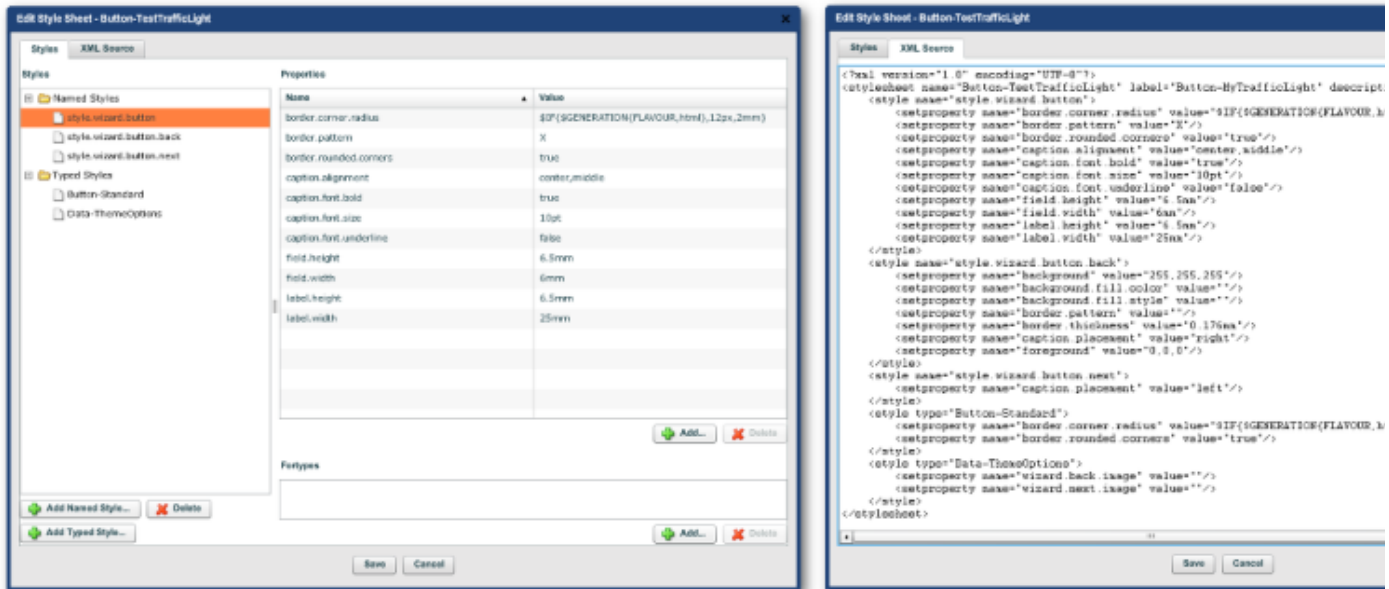
Save Cancel

Projects | **Style Sheets** | Custom Types | Templates | Resources | Administration | Problems

Refresh | Create New Stylesheet | Filter By Source:

Style Sheet	Label	Category	Source	Modification Time	Description
Button-Button-MyBootstrap	MyBootstrap	Button	Maguire - Ben Walsh	12/05/14 16:58:39	Demo of Stylesheet

This is the way to populate both Libraries and Organizations with bespoke stylesheets. Once you have saved a stylesheet, you can edit its properties (double-click on item in the list or use the edit Action):



All of the values of the Properties of the Named Styles and Typed Styles are clickable and editable. You can also add and delete styles and properties and even edit the XML (though do not attempt to do so unless you know what you are doing). The Edit Style Sheet function is very powerful.

## Maintaining Custom Types

### Custom Types

**Location:** Workspace -> <Organization> -> Custom Types tab  
or

**Location:** Workspace -> <Library> -> Custom Types tab

**Required Permissions:** [MODULE\\_MGMT](#)

**Roles:** [Account Administrator](#) , [Avoka Engineer](#) , [Avoka Partner](#) , [Developer](#) .

Custom Types, in the context of Library administration, refers to the members of the Widget Palette of the Form Designer (see the Transact Composer 4.0 Guide). There are 2 types of Custom Types:

- **Non-editable** Custom Types the standard members of the Widget Palette. You cannot access the type editor for these types.
- **Editable** Custom Types which are your saved types. These will only be saved to the internal library of the organization with an additional type not relevant here:
- **Localization Keys** used for the Internationalization of forms. This is not really an administration task, and so is covered in the Composer Online Documentation.

When you are allowed to edit a custom type, you will be able to access the "Type Editor,

Name	Label	Description	Resource Type	Source
Block-SFM-PaymentTypeSelector	TM Payment Type Selector		Block	System__Release v4.0.0
Block-SFM-Submission	TM Submission Block		Block	System__Release v4.0.0
Block-SFM-SubmissionReceipt	TM Submission Receipt		Block	System__Release v4.0.0
Block-SFM-WetSignature	TM Wet Signature		Block	System__Release v4.0.0
Block-ShareForm	TM Share Form Block		Block	System__Release v4.0.0
Block-Signature	Signature [Wet]		Block	System__Release v4.0.0
Block-Signature-DocuSign	Signature [DocuSign]		Block	System__Release v4.0.0
Block-SlideHeader	Menu Bar [Slide Header]		Block	System__Release v4.0.0
Block-SlideMenuBar	Menu Bar [Slide]		Block	System__Release v4.0.0

drop new widget into structure from palette

Name	Value	Label	Type	Localization Key
layout	vflow	Layout Manager *	layout *	
allow.page.breaks	false	Allow Page Breaks (PDF)	boolean *	
margin	1mm,0mm,1mm,0mm	Margin (Inner) *	margin *	
binding.type	none	Binding Type *	bindingtype-container *	

**Edit Property Definition**

You can use this dialog to edit a property definition.

Name: layout

Value: vflow

Label: Layout Manager

Type: layout

Visibility: normal

Category: Layout Assistant  Category Not In List

Group: Layout Manager  Group Not In List

Create Pattern: Show this as mandatory property when creating the field

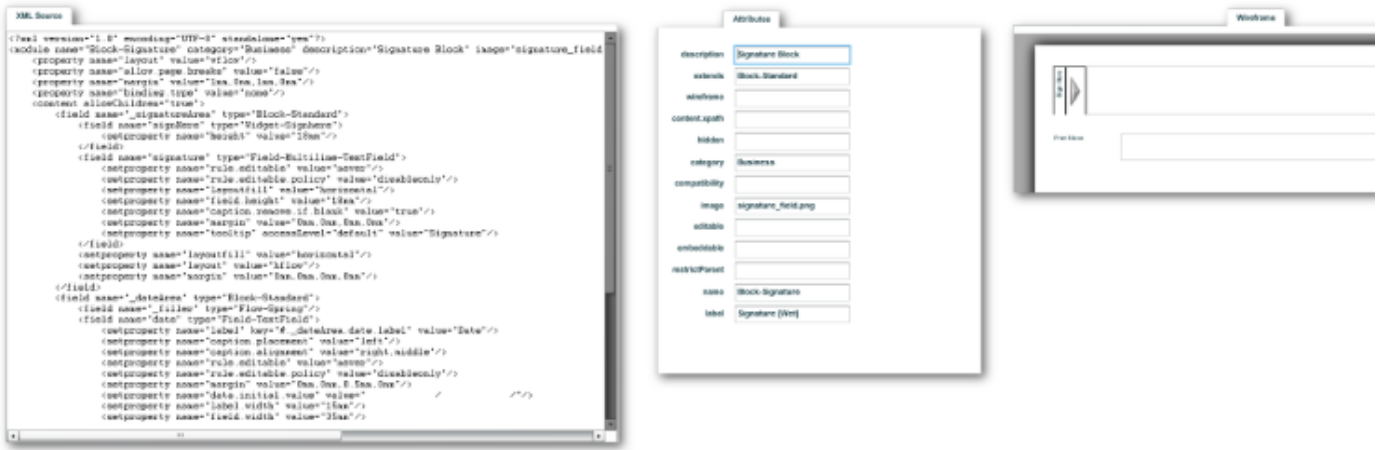
Is Localizable

Save Cancel

The **Create Pattern** dropdown menu in the Edit Property Definition dialog defines whether:

- The property appears or does not appear in the wizard when the custom Type is dropped onto the structure panel of forms
- and if it does appear in the wizard, whether the property is marked mandatory or not.

Here are the other tabs in the editor:



Note that the XML Source updates on-the-fly  
For most Custom Types, you will only be able to view the XML source in a read-only window.

## Maintaining Templates

**Location:** Workspace -> <Account> -> <Organization> | <Library> -> Templates tab

**Required Permissions:** [TEMPLATE MGMT](#)

**Roles:** [System Administrator](#) , [Avoka Engineer](#) , [Avoka Partner](#)

You need to create a new template in the Template tab in order to edit it, just as with stylesheets.

The wizard to do so has you base the new template on an already existing one.

Your choice of base template is restricted to the templates already assigned to the Organization. With the new template saved, you can then invoke the "Edit" action. The template designer has 4 tabs:

1. Preview Sample Form
2. Style Options
3. XML Source

### *Preview Sample Form*


Preview Sample Form | Style Options | Form Options | XML Source

Zoom: 110%

Form: Standard | Section: A | Header: Classic | Menu: Classic | NavBar: Classic | Button: Round

Theme: Orange

## Style choosers



Avoka SmartForm Factory  
**Composer Form**

Template Editor - Sample Form

### Customer Details

Customer

Title:  Other:

### Shipping Details

Shipping Address

Address Line 1:

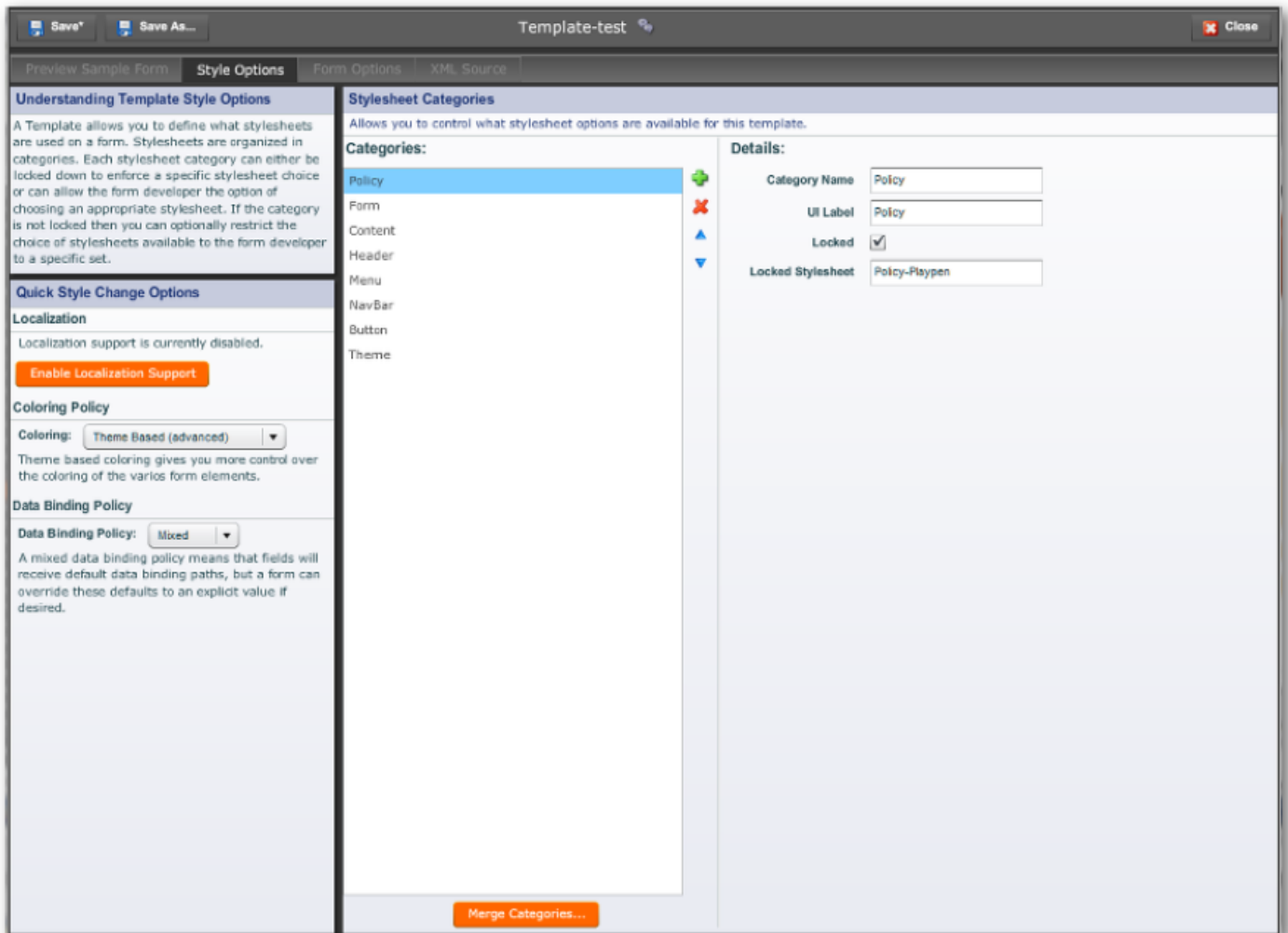
Address Line 2:

The following errors were found in your form. Please correct them before proceeding.

To go directly to the errors on your form, please use the buttons below or double-click on the error(s) in the list.

To go directly to the errors on your form, please double-click on the error(s) in the list.

*Style Options*



This part of the system is where you can attach or delete whole stylesheet categories (see [Custom Types](#)) to the template. The Quick Style Change Options panel allows three simple settings:

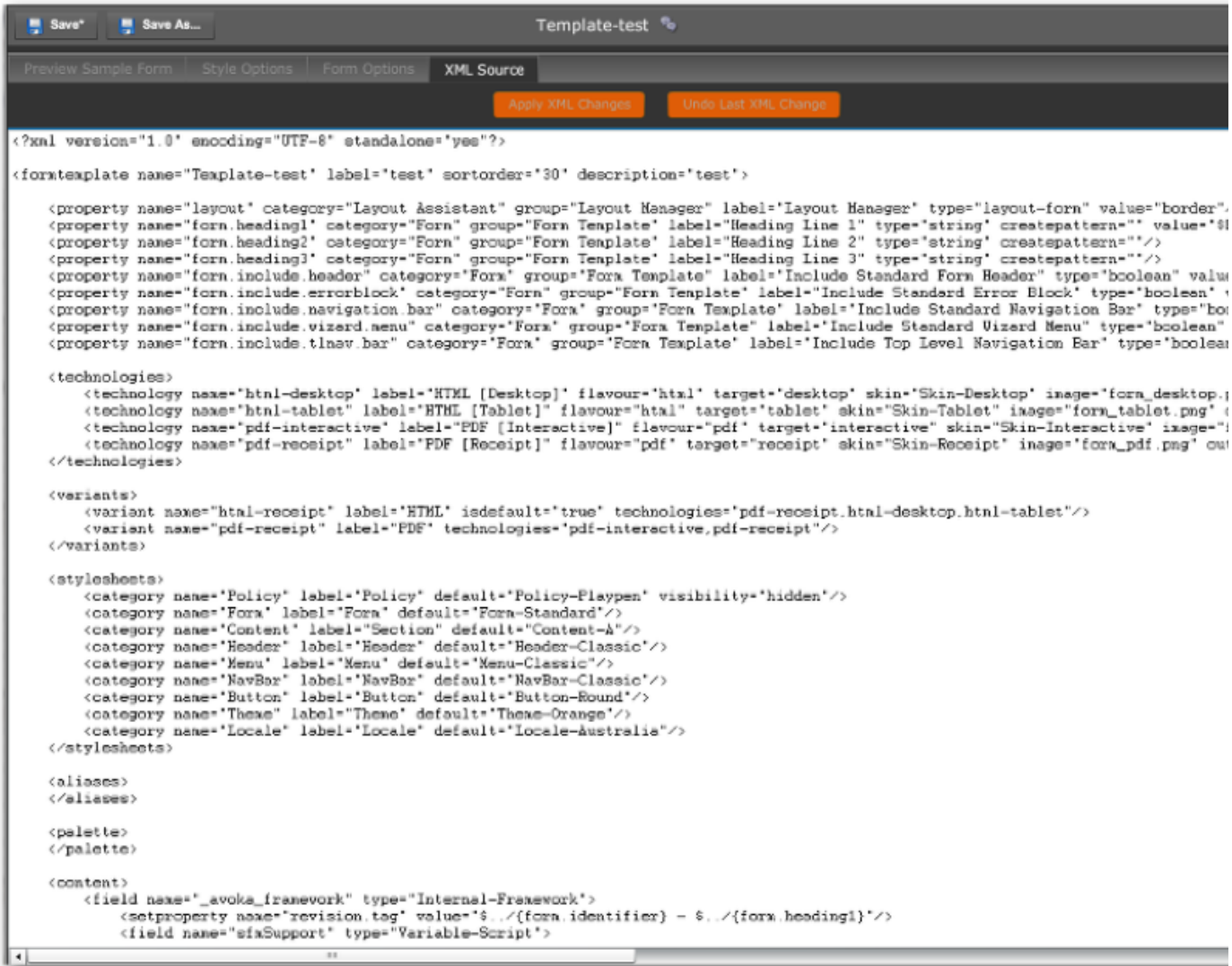
- Turning Localization on or off (see [Custom Types](#) below).
- Setting the Coloring Policy to

- o Palette Based (simple) where there is a "Color" dropdown in the Style Choosers marked "Color" and the end user chooses "Blue", "Green", "Gray", and so forth.
- o Theme Based (advanced) where there is now a "Theme" dropdown and the changes to the appearance of the template are more extensive
- o Custom (do it yourself) where policy is defined in the XML. Only for the experienced.

The Data Binding Policy has 2 settings:

- Mixed where designers have the option of altering the data binding of elements in the Structure Panel of Form Designer.
- Explicit where designers cannot alter data binding for any element.

The Stylesheet Categories panel is currently read-only,  
*XML Source*



The screenshot shows a software interface with a dark theme. At the top, there are buttons for 'Save\*' and 'Save As...'. Below that, the title bar reads 'Template-test'. A menu bar contains 'Preview Sample Form', 'Style Options', 'Form Options', and 'XML Source'. Under the 'XML Source' menu, there are two buttons: 'Apply XML Changes' and 'Undo Last XML Change'. The main area displays XML code for a template named 'Template-test'. The code includes various elements such as properties, technologies, variants, and stylesheets.

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<formtemplate name="Template-test" label="test" sortorder="30" description="test">

  <property name="layout" category="Layout Assistant" group="Layout Manager" label="Layout Manager" type="layout-form" value="border".
  <property name="form.heading1" category="Form" group="Form Template" label="Heading Line 1" type="string" createpattern="" value=""
  <property name="form.heading2" category="Form" group="Form Template" label="Heading Line 2" type="string" createpattern=""
  <property name="form.heading3" category="Form" group="Form Template" label="Heading Line 3" type="string" createpattern=""
  <property name="form.include.header" category="Form" group="Form Template" label="Include Standard Form Header" type="boolean" value
  <property name="form.include.errorblock" category="Form" group="Form Template" label="Include Standard Error Block" type="boolean"
  <property name="form.include.navigation.bar" category="Form" group="Form Template" label="Include Standard Navigation Bar" type="bo
  <property name="form.include.vizard.menu" category="Form" group="Form Template" label="Include Standard Vizard Menu" type="boolean"
  <property name="form.include.tnav.bar" category="Form" group="Form Template" label="Include Top Level Navigation Bar" type="boolean

  <technologies>
    <technology name="html-desktop" label="HTML [Desktop]" flavour="html" target="desktop" skin="Skin-Desktop" image="form_desktop.p
    <technology name="html-tablet" label="HTML [Tablet]" flavour="html" target="tablet" skin="Skin-Tablet" image="form_tablet.png"
    <technology name="pdf-interactive" label="PDF [Interactive]" flavour="pdf" target="interactive" skin="Skin-Interactive" image="
    <technology name="pdf-receipt" label="PDF [Receipt]" flavour="pdf" target="receipt" skin="Skin-Receipt" image="form_pdf.png" out
  </technologies>

  <variants>
    <variant name="html-receipt" label="HTML" isdefault="true" technologies="pdf-receipt.html-desktop.html-tablet"/>
    <variant name="pdf-receipt" label="PDF" technologies="pdf-interactive,pdf-receipt"/>
  </variants>

  <stylesheets>
    <category name="Policy" label="Policy" default="Policy-Playpen" visibility="hidden"/>
    <category name="Form" label="Form" default="Form-Standard"/>
    <category name="Content" label="Section" default="Content-A"/>
    <category name="Header" label="Header" default="Header-Classic"/>
    <category name="Menu" label="Menu" default="Menu-Classic"/>
    <category name="NavBar" label="NavBar" default="NavBar-Classic"/>
    <category name="Button" label="Button" default="Button-Round"/>
    <category name="Theme" label="Theme" default="Theme-Orange"/>
    <category name="Locale" label="Locale" default="Locale-Australia"/>
  </stylesheets>

  <aliases>
  </aliases>

  <palette>
  </palette>

  <content>
    <field name="_avoka_framework" type="Internal-Framework">
      <setproperty name="revision.tag" value="$../{form.identifier} - $../{form.heading1}"/>
      <field name="sfaSupport" type="Variable-Script">
```

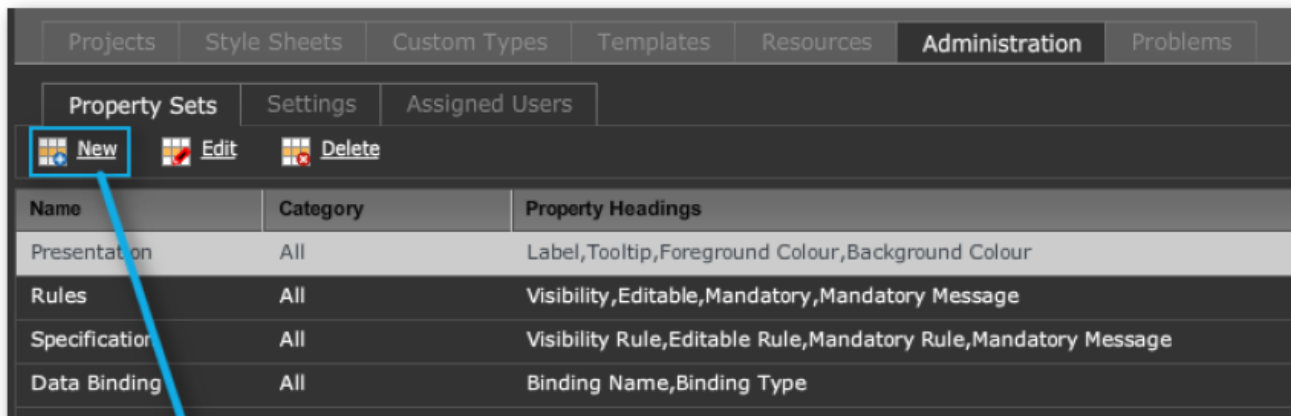
## Assigning Libraries

# Maintaining Property Sets (Composer v4.3)

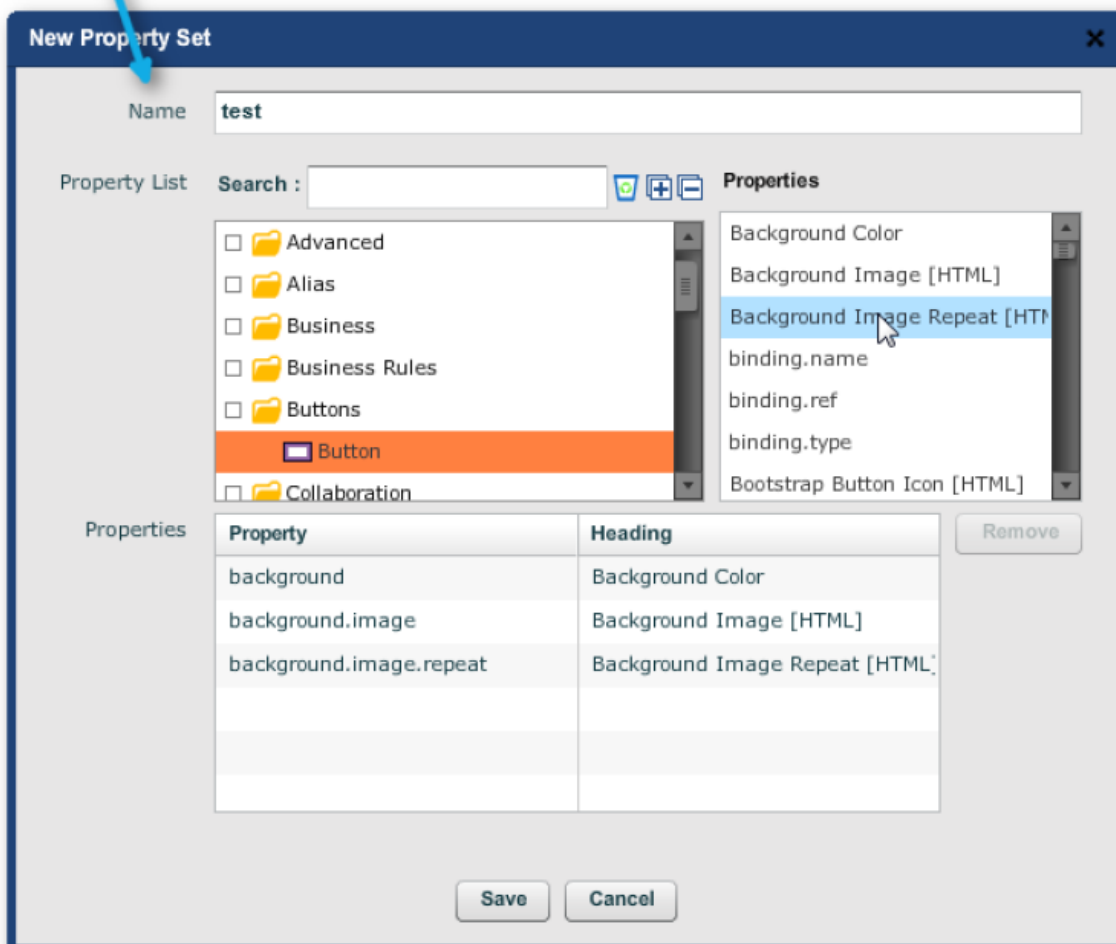
Location: Workspace -> <Account> -> <Organization> -> Administration tab -> Property Sets tab

Required Permissions: [ORGANIZATION\\_ADMIN](#)

Roles: [System Administration](#) , [Account Administrator](#) , [Avoka Engineer](#) , [Avoka Partner](#)



Name	Category	Property Headings
Presentation	All	Label,Tooltip,Foreground Colour,Background Colour
Rules	All	Visibility,Editable,Mandatory,Mandatory Message
Specification	All	Visibility Rule,Editable Rule,Mandatory Rule,Mandatory Message
Data Binding	All	Binding Name,Binding Type



**New Property Set**

Name:

Property List: Search:

- Advanced
- Alias
- Business
- Business Rules
- Buttons
- Button**
- Collaboration

Properties:

- Background Color
- Background Image [HTML]
- Background Image Repeat [HTML]**
- binding.name
- binding.ref
- binding.type
- Bootstrap Button Icon [HTML]

Property	Heading	Remove
background	Background Color	
background.image	Background Image [HTML]	
background.image.repeat	Background Image Repeat [HTML]	

Save Cancel

Property sets allow you to group the Properties of various Custom Types together into convenient sets. You can see some of the default sets in the above screen grab: Presentation, Rules, Data Binding and so forth.

# Publishing and Impact Analysis (Composer v4.3)

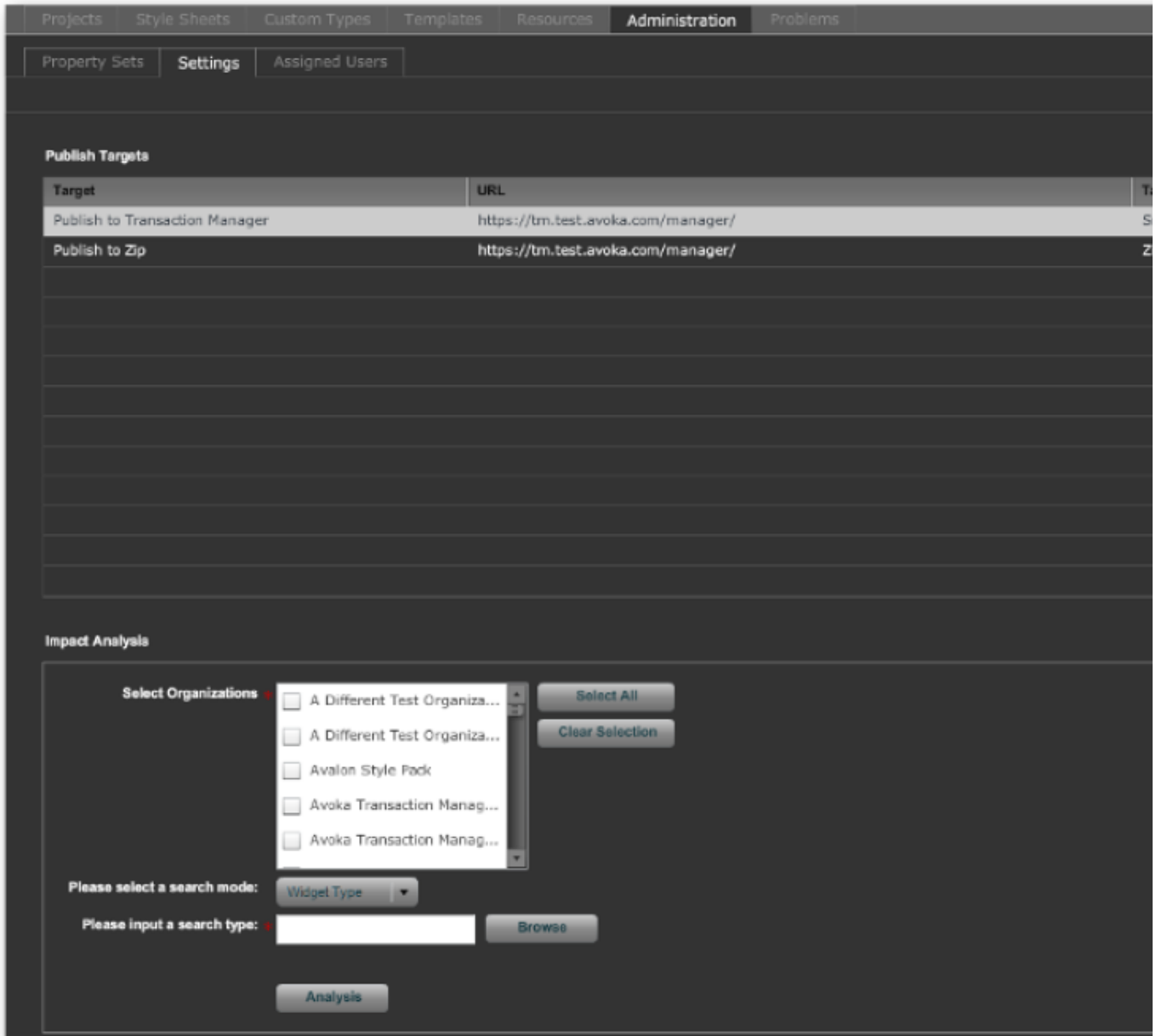
Location: Workspace -> <Account> -> <Organization> -> Administration tab -> Settings tab

Required Permissions: [ORGANIZATION\\_ADMIN](#)

Roles: [System Administration](#) , [Account Administrator](#) , [Avoka Engineer](#) , [Avoka Partner](#)

This panel allows 2 functions

1. Set the publish targets
2. Run an impact analysis that will report on specified search criteria in the organization



## Publish Targets

The **Publish Targets** panel allows you to set the default options for the Organization. These options will be presented to end-users whenever they publish forms to Transaction Manager. Here you can define targets - combinations of different instances of TM as defined by their URLs and of target types (i.e. either zip files for uploading to TM or Composer Form packages posted online to the TM nominated instance).

## Impact Analysis

The Impact Analysis panel produces a report on the impact of various elements on selected Organizations. You can nominate which search mode: whether on **Widget Type**, **Template** or **Stylesheet**.

The resultant read-only report lists the hits by **Project** and **(Form) Name**.

The example below shows a search on Widget type "Text Field". The result shows all the organizational assets that contain a "Text field".

## Impact Analysis



Impact Analysis Result: Found 547 records in 22 files

has field(s) of Text Field  has field(s) of Text Field  extends Text Field

Project	Name	Located at	Type
	Block-Custom-Address-AU-Responsive	module	has field(s) of Te:
	Block-Custom-Level1-Attach-100-Points-IC	module	has field(s) of Te:
	Block-Custom-Standard-Name	module	has field(s) of Te:
Trial Forms	Order Form	form	has field(s) of Te:
Trial Forms	Showcase Form - Chris Howell	form	has field(s) of Te:
Trial Forms	Showcase Form - latest	form	has field(s) of Te:
Trial Forms	Showcase FormJK	form	has field(s) of Te:
Trial Forms	Maguire Mortgage Application	form	has field(s) of Te:
Trial Forms	Showcase Form -debug	form	has field(s) of Te:
Trial Forms	Quick TF Test	form	has field(s) of Te:

# Access Control (Composer v4.3)

This section provides details on the Access Control features within Composer. This includes managing users and roles and how they relate to the Account hierarchy.

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**[Search](#)**

# Creating Users (Composer v4.3)

Composer supports two tiers of user: Client and System.

- Client Tier who can only see read-only Accounts designated "Public Accounts" and the one Account to which they have been allocated.
- System Tier who can access one or more non-public accounts and who in general have more powerful roles than the Client Tier.

## Client Tier Users

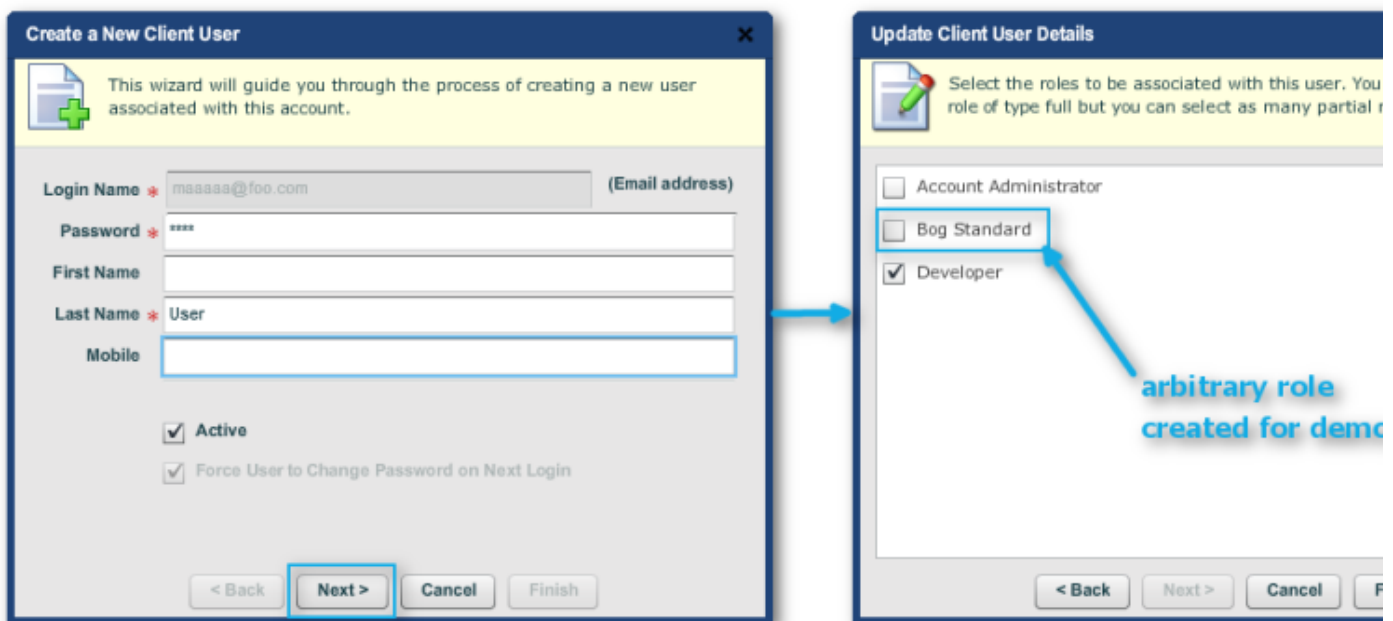
**Location:** Workspace -> <account> -> Users tab

**Required Permissions:** [USER\\_ADMIN](#)

**Roles:** [System Administrator](#) , [Avoka Engineer](#) , [Account Administrator](#) ,

Client tier users can be created only at this location.

Use the "Users (tab) -> Create New User" link (see [here](#) ) to access the "Create a New Client User" wizard:



When you progress to the next part of the wizard, choose the role or roles for the user you are creating. Please refer to [Creating Roles](#) on how to define roles.

Here, we have created an arbitrary role for the sake of the demo.

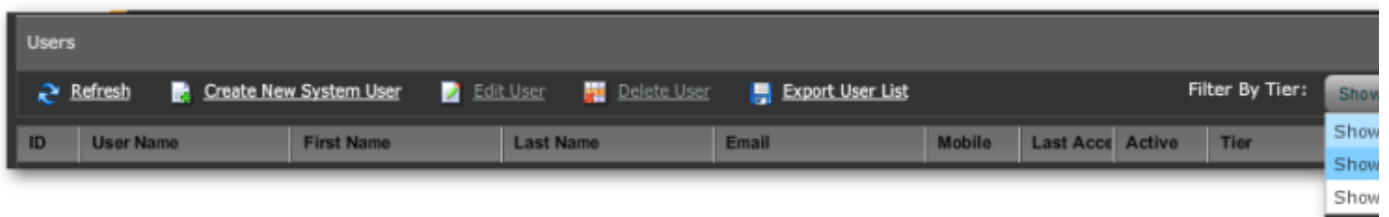
The non-System user you create here at the Account level also appears in System -> Access Control and can then be assigned to this, or some other account, through System -> Account Management.

## System Tier Users

**Location:** System -> Access Control -> Users

**Required Permissions:** [SYSTEM\\_USER\\_ADMIN](#)

**Roles:** [System Administrator](#)



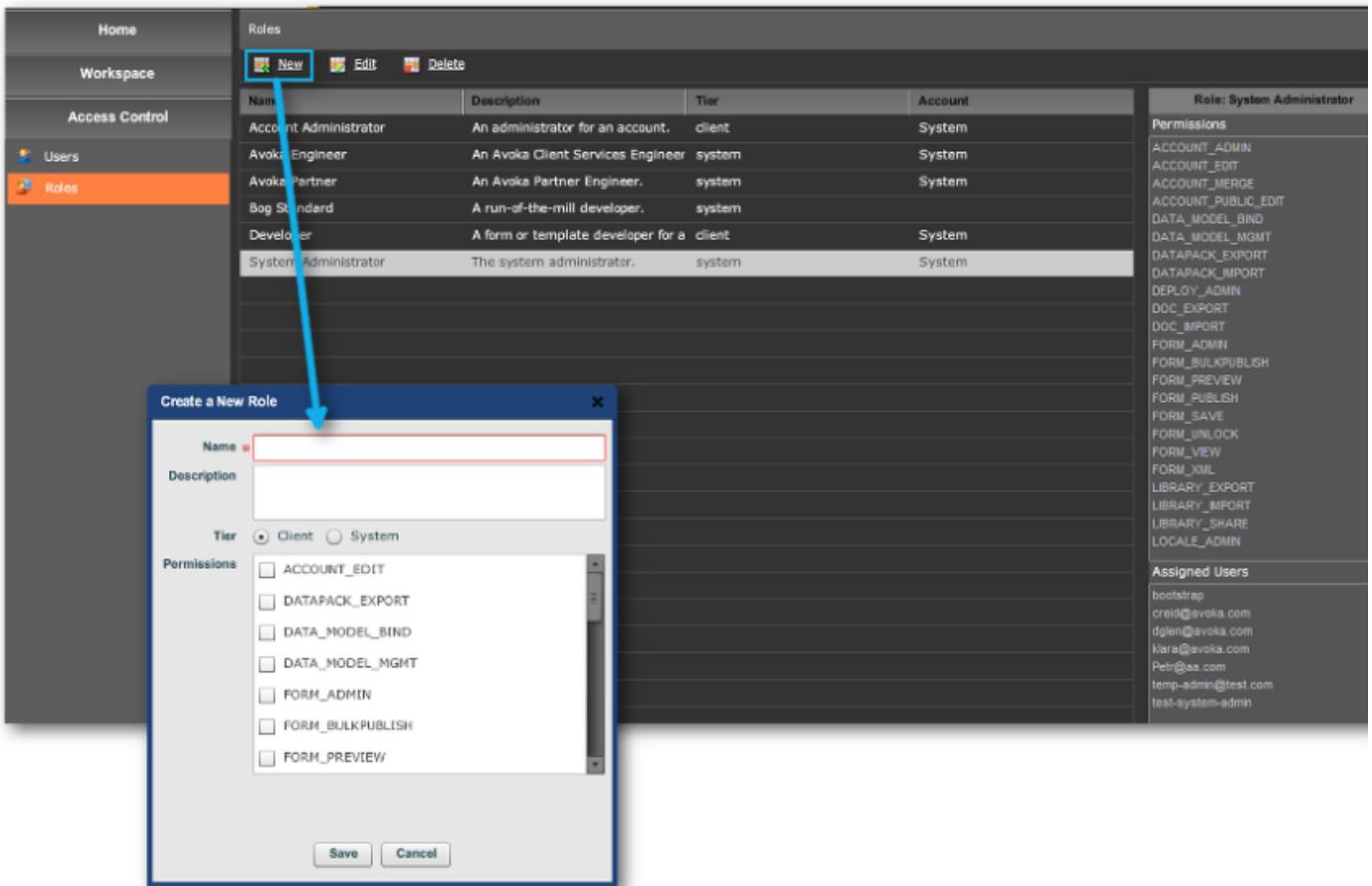
The "Create New System User" link invokes the same wizard as in [Client Tier Users](#) , and you also get to assign a role to the user.

# Creating Roles (Composer v4.3)

Location: Access Control -> Roles

Required Permissions: [SYSTEM\\_ROLE\\_ADMIN](#)

Roles: [System Administrator](#)



There are two tiers of user: Client and System.

- Client Tier who can only see those read-only Accounts designated "Public Accounts" and the one Account to which they have been allocated.
- System Tier who may also see other non-public accounts and who in general have more powerful roles than the Client Tier.

You also decide the permissions to allocate to each role. You actually have quite a lot of control as there are many permission items to choose from. Here are the default System roles that ship with the product:

Permission	Description
ACCOUNT_ADMIN	Allows access to the account and organization management panes, creation/deletion/editing of account info.
ACCOUNT_EDIT	Allows editing of account meta data (display name,etc).
ACCOUNT_MERGE	Allows merging of accounts.
ACCOUNT_PUBLIC_EDIT	Allows writing to public organizations and accounts.
DATA_DICTIONARY_BIND	Allows binding of form fields to the data dictionary.
DATA_DICTIONARY_MGMT	Allows creation and maintenance of the organization level data dictionary.
DATA_DICTIONARY_STATUS	Allows status changes of data dictionary elements.
DATA_MODEL_BIND	Allows binding of form fields to the data model.
DATA_MODEL_MGMT	Allows creation/deletion and editing of data connections, uploading and deleting of seed files.
DATAPACK_EXPORT	Allows exporting system datapacks.

DATAPACK_IMPORT	Allows importing system datapacks.
DEPLOY_ADMIN	Allows creation/deletion/editing of deployment properties.
DOC_EXPORT	Allows exporting documentation datapacks.
DOC_IMPORT	Allows importing documentation datapacks.
FORM_ADMIN	Allows viewing form statistics, generating form spec information.
FORM_BULKPUBLISH	Allows bulk publishing of forms.
FORM_PREVIEW	Allows previewing of forms, access to artifacts pane.
FORM_PUBLISH	Allows publishing of forms.
FORM_SAVE	Allows editing and saving of forms, creation and management of form revisions.
FORM_UNLOCK	Allows unlocking of forms locked by other users, allows opening (but not saving) of forms locked by other users.
FORM_VIEW	Allows viewing and opening of forms (but not saving/preview).
FORM_XML	Allows viewing and saving of form xml.
LIBRARY_EXPORT	Allows exporting of account libraries.
LIBRARY_IMPORT	Allows importing client libraries.
LIBRARY_SHARE	Allows sharing of a library (or patch) with another account.
LOCALE_ADMIN	Allows generation and uploading of localized property files, generation of localization keys
LOCALE_AUTOTRANSLATE	Allows use of auto translation tools.
MODULE_MGMT	Allows creation/deletion and editing of custom widgets/blocks, allows creating custom widgets and blocks from within a form.
NEWS_ADMIN	Allows creation/deletion/editing of welcome screen news.
ORGANIZATION_ADMIN	Allows editing organization meta data and search paths, upgrading to a release/servicepack, deleting, renaming, creating, moving and copying organizations, managing organization property sets.
ORGANIZATION_EXPORT	Allows exporting user organizations.
ORGANIZATION_IMPORT	Allows importing user organizations.
PATCH_EXPORT	Allows exporting patches.
PATCH_IMPORT	Allows importing patches.
PROJECT_ADMIN	Allows creation and deletion of projects, restricting access of users and templates to projects.
RELEASE_ADMIN	Allows access to the release management pane, editing release meta data, toggling release active state, bulk organisation release upgrades.
RELEASE_EXPORT	Allows exporting releases.
RELEASE_IMPORT	Allows importing releases.
RESOURCE_MGMT	Allows uploading/deleting resources.
ROLE_ADMIN	Allows creation/deletion of roles for an account.
SERVICEPACK_EXPORT	Allows exporting servicepacks.
SERVICEPACK_IMPORT	Allows importing servicepacks.
STYLESHEET_MGMT	Allows creation/deletion and editing of stylesheets, allows push to stylesheet from within a form.
SYSTEM_FORM_DEBUG	Allows use of debug versions of system script libraries.
SYSTEM_FORM_PREVIEW	Allows system wide previewing of forms.
SYSTEM_FORM_PUBLISH	Allows system wide publishing and bulk publishing of forms.
SYSTEM_FORM_VIEW	Allows system wide viewing of forms.
SYSTEM_LOG_VIEW	Allows access to system level log files.

SYSTEM_ROLE_ADMIN	Allows creation/deletion of system level roles.
SYSTEM_USER_ADMIN	Allows creation/deletion of system level users and creation of user list.
TEMPLATE_MGMT	Allows creation/deletion of templates.
TIPS_ADMIN	Allows creation/deletion/editing of quick help tips.
USER_ADMIN	Allows creation/deletion of users for an account.

And here is the list of permissions for these predefined roles.:

Role	Permissions
System Administrator	ACCOUNT_ADMIN ACCOUNT_EDIT ACCOUNT_MERGE ACCOUNT_PUBLIC_EDIT DATA_MODEL_BIND DATA_MODEL_MGMT DATAPACK_EXPORT DATAPACK_IMPORT DEPLOY_ADMIN DOC_EXPORT DOC_IMPORT FORM_ADMIN FORM_BULKPUBLISH FORM_PREVIEW FORM_PUBLISH FORM_SAVE FORM_UNLOCK FORM_VIEW FORM_XML LIBRARY_EXPORT LIBRARY_IMPORT LIBRARY_SHARE LOCALE_ADMIN LOCALE_AUTOTRANSLATE  MODULE_MGMT NEWS_ADMIN ORGANIZATION_ADMIN ORGANIZATION_EXPORT ORGANIZATION_IMPORT PATCH_EXPORT PATCH_IMPORT PROJECT_ADMIN RELEASE_ADMIN RELEASE_EXPORT RELEASE_IMPORT RESOURCE_MGMT SERVICEPACK_EXPORT SERVICEPACK_IMPORT STYLESHEET_MGMT SYSTEM_FORM_DEBUG SYSTEM_FORM_PREVIEW SYSTEM_FORM_PUBLISH SYSTEM_FORM_VIEW SYSTEM_LOG_VIEW SYSTEM_ROLE_ADMIN SYSTEM_USER_ADMIN TEMPLATE_MGMT TIPS_ADMIN USER_ADMIN

Account Administrator	DATA_MODEL_BIND DATA_MODEL_MGMT FORM_ADMIN FORM_BULKPUBLISH FORM_PREVIEW FORM_PUBLISH FORM_SAVE FORM_UNLOCK FORM_VIEW FORM_XML LIBRARY_EXPORT LIBRARY_IMPORT LOCALE_ADMIN LOCALE_AUTOTRANSLATE  MODULE_MGMT ORGANIZATION_ADMIN ORGANIZATION_EXPORT ORGANIZATION_IMPORT PROJECT_ADMIN RESOURCE_MGMT STYLESHEET_MGMT USER_ADMIN
Avoka Engineer	DATA_MODEL_BIND DATA_MODEL_MGMT DATAPACK_EXPORT FORM_ADMIN FORM_BULKPUBLISH FORM_PREVIEW FORM_PUBLISH FORM_SAVE FORM_UNLOCK FORM_VIEW FORM_XML LIBRARY_EXPORT LIBRARY_IMPORT LIBRARY_SHARE LOCALE_ADMIN LOCALE_AUTOTRANSLATE  MODULE_MGMT ORGANIZATION_ADMIN ORGANIZATION_EXPORT ORGANIZATION_IMPORT PATCH_EXPORT PROJECT_ADMIN RELEASE_EXPORT RESOURCE_MGMT SERVICEPACK_EXPORT STYLESHEET_MGMT SYSTEM_FORM_DEBUG TEMPLATE_MGMT USER_ADMIN
Avoka Partner	DATA_MODEL_BIND DATA_MODEL_MGMT DATAPACK_EXPORT FORM_ADMIN FORM_BULKPUBLISH FORM_PREVIEW FORM_PUBLISH FORM_SAVE FORM_UNLOCK FORM_VIEW FORM_XML LIBRARY_EXPORT LIBRARY_IMPORT LIBRARY_SHARE LOCALE_ADMIN LOCALE_AUTOTRANSLATE  MODULE_MGMT ORGANIZATION_ADMIN ORGANIZATION_EXPORT ORGANIZATION_IMPORT PATCH_EXPORT

Developer	DATA_MODEL_BIND DATA_MODEL_MGMT FORM_PREVIEW FORM_PUBLISH FORM_SAVE FORM_VIEW FORM_XML LOCALE_ADMIN LOCALE_AUTOTRANSLATE  MODULE_MGMT RESOURCE_MGMT STYLESHEET_MGMT
-----------	---

# Allocating Users (Composer v4.3)

## At the Account Level

All client tier users are [created at the Account level](#) and are therefore assigned to that Account.

All system tier users have access to all Accounts.

## At the Organization Level

**Location:** Workspace -> <Account> -> <Organization> -> Assigned Users

**Required Permissions:** [ORGANIZATION\\_ADMIN](#)

**Roles:** [System Administrator](#) [Account Administrator](#) , [Avoka Engineer](#) , [Avoka Partner](#)

This location lists all the Account-level client tier users.

User Name	Name	Email	Roles	Action
maaaaa@foo.com	[Redacted]	maaaaa@foo.com	Account Administrator	Yes
[Redacted]	[Redacted]	[Redacted]	Account Administrator	No

The left Action buttons can be either red (to block that user from any new Projects in the Organization) or a green check mark (to allow the user instead).

So, at this level, you do not assign users — you either block or unblock them.

**At the Project Level**

**Location:** Workspace -> <Account> -> <Organization> -> Project -> Assigned Users tab -> Assign Users link

**Required Permissions:** [PROJECT\\_ADMIN](#)

**Roles:** [System Administrator](#) , [Account Administrator](#) , [Avoka Engineer](#) , [Avoka Partner](#)

**Block Users**

Select the users to be assigned to this project. Note: Administrators will always be able to access the project even if they are not explicitly assigned to it.

**Assign Users**

- Dilbert (test-developer)
- foo (tttt@foo.com)
- [blurred]
- Pointy Haired Boss (test-account-admin)
- User (a.user@foo.com)
- Anon Poet (doctestuser@foo.com)
- [blurred]
- Test Avoka Partner (test-avoka-partner)

**Select All**

**Clear Selection**

**Save** **Cancel**

Or, you can use the Workspace -> <Account> -> <Organization> -> Project -> Assigned Users tab, which looks the same as that at the [Organization level above](#) .

# System Functions (Composer v4.3)

This section details each of the system functions that are available to system administrators.

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[Search](#)

# Creating New Accounts (Composer v4.3)

Location: System -> Account Management

Required Permissions: [ACCOUNT\\_PUBLIC\\_EDIT](#) , [ACCOUNT\\_ADMIN](#) , [ACCOUNT\\_EDIT](#) , [ACCOUNT\\_MERGE](#)

Roles: [System Administrator](#)

Name	Display Name	Description	Creation Time
System	System	This is the system account.	Wed Jan 8

This is the only place in Composer where you can create an Account. You supply the Name, the Display Name and Description for the account.

Use the Actions to edit these properties, to delete the account and assign **System Users** to the account.

Again, this is the only place in Composer where these can be done.

Once an Account has been created, its Account level of the Workspace looks like this:

Location: Workspace -> <Account>

Development - Auto generated account for Development 40

Organizations | Users | Event Log | Error Log

Create New Organization | Create New Library | Insert Organization at Library... | Update Account Details

Organization	Display Name	Description	Active	ReadOnly	Creation Time	Release	Custom Path
Development 33	Development 33	Internal Organization	Yes	No	Fri Dec 20 16:06:31	3.3.Dsp4	Experimental [Legacy]
Development 34	Development 34	Internal Organization	Yes	No	Fri Dec 20 16:06:31	3.4.Dsp3	Experimental [Legacy]
Development 36	Development 36	Internal Organization	Yes	No	Fri Dec 20 16:06:31	3.6.0	Experimental [Legacy]
Development 40	Development 40	Internal Organization	Yes	No	Fri Dec 20 16:06:31	4.0.0	Experimental [Legacy]
Navigation Pack	Navigation Pack	Support for the new	Yes	No	Fri Dec 20 16:06:31	4.0.0	
Playpen	Playpen	Set of assets used to	Yes	No	Fri Dec 20 16:06:31	4.0.0	Navigation Pack [Development]

Selecting organisation brings up RH action palette



# Maintaining Help. News and Tips (Composer v4.3)

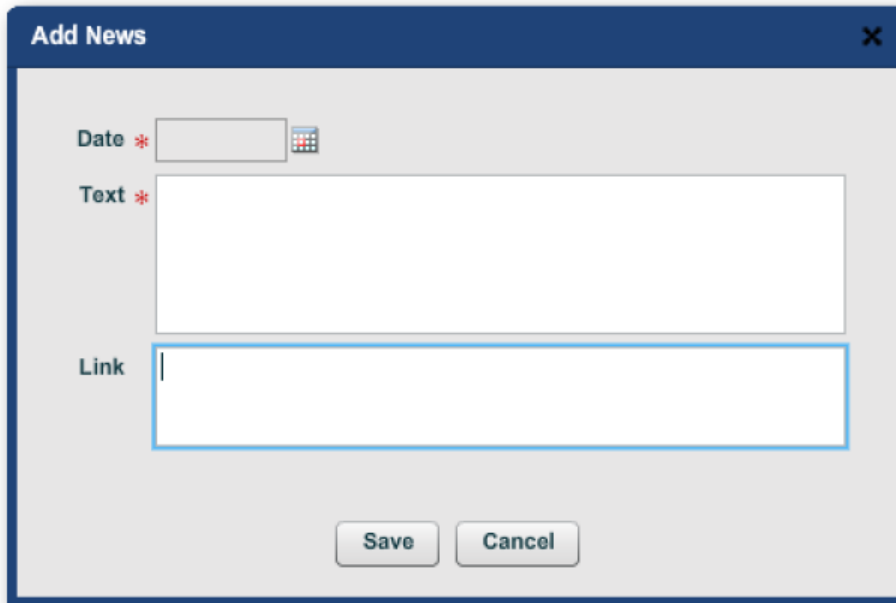
Location: System -> News Management

OR

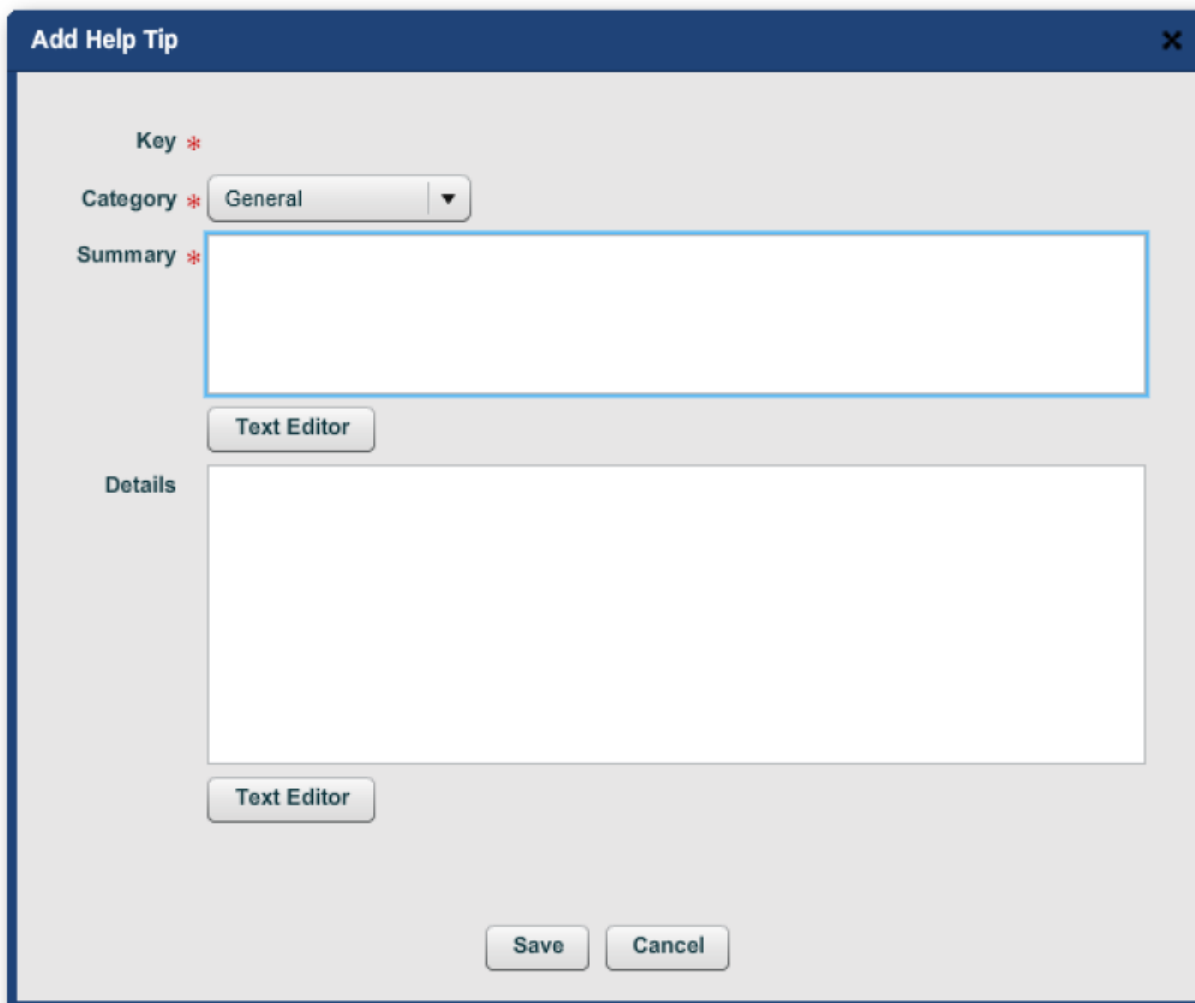
Location: System -> Help Tip Management

Required Permissions: NEWS\_ADMIN, TIPS\_ADMIN

Roles: [System Administrator](#)



The 'Add News' dialog box features a title bar with a close button. It contains three input fields: 'Date' with a calendar icon, 'Text' (a large text area), and 'Link' (a text input field). At the bottom, there are 'Save' and 'Cancel' buttons.



The 'Add Help Tip' dialog box has a title bar with a close button. It includes a 'Key' label, a 'Category' dropdown menu set to 'General', a 'Summary' text area, and a 'Details' text area. Each text area has a 'Text Editor' button below it. 'Save' and 'Cancel' buttons are located at the bottom.

Categories:

- General

- Data Dictionary

Text editors.

Import data: in XML file

Export as XML file downloaded to browser.

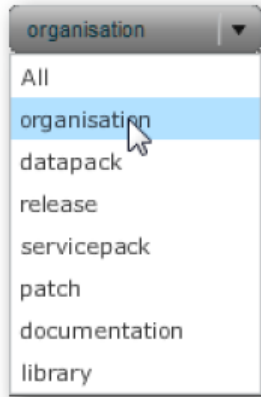
# Organization Management (Composer v4.3)

## Organization Management

**Location:** System -> Organization Management

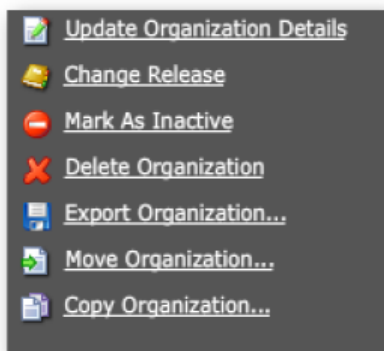
**Roles:** [System Administration](#)

Use this to administer Organizations, various Libraries, and everything else at the same level of the Workspace (see [The Workspace](#) ). You can filter the list on the following types:



- **Organizations**
- **Data Packs** in other words, special customization packs
- **Releases**
- **Service Packs**
- **Patches**
- **Documentation** in other words, the online HTML help for an Account in the form of a flat .zip file
- **Libraries**

The Actions available on each item are:



Organizations can be exported as a .zip file, which is useful for importing Organizations to different environments.

The Copy function works within the one environment.

There is also a link (top left of the Organization Management page) to Import a previously-exported Organization.

# Release Management (Composer v4.3)

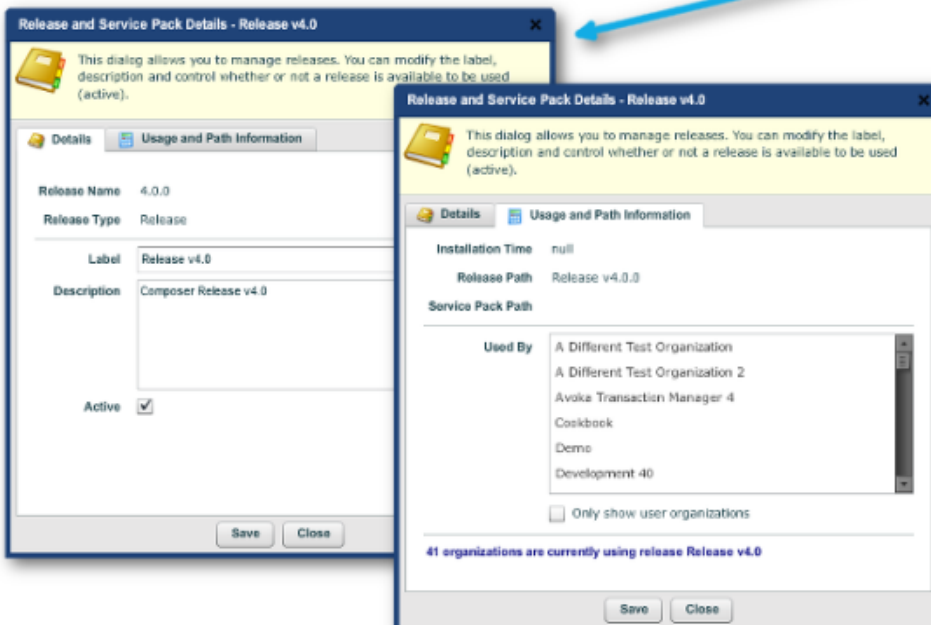
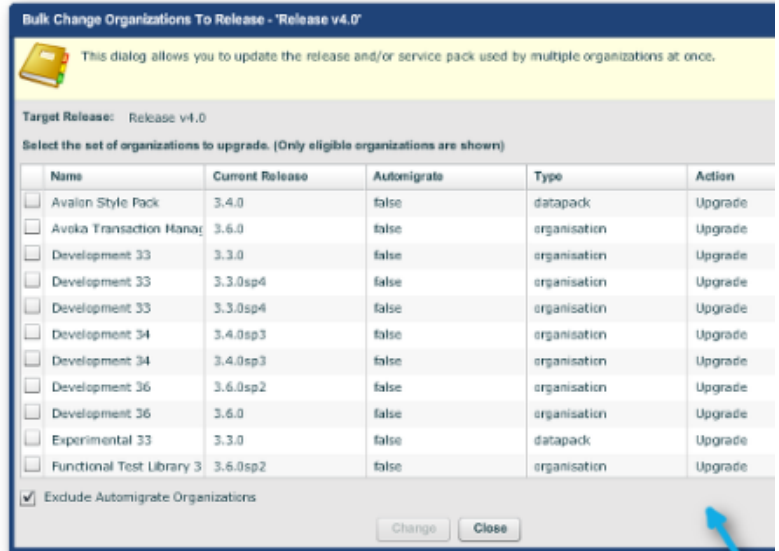
Location: System -> Release Management

Required Permissions: [RELEASE\\_ADMIN](#)

Roles: [System Administrator](#)

When you create Organizations, you set their release compatibility with previous releases and whether the Organization migrates to new releases automatically or manually.

You can also alter the release settings for several Organizations in bulk.



# Viewing the Logs (Composer v4.3)

## Logs

**Location:** System -> Error Log

and

**Location:** System -> Event Log

**Required Permissions:** [[SYSTEM\\_LOG\\_VIEW](#)|Creating Users#topic\_Creating\_Roles2SYSTEM\_LOG\_VIEW]

**Roles:** Avoka Administrator

There are 2 log sets:

- Error
- Event

The logs are listed in a table with these headings:

- ID
- Time
- Account
- Organization
- User Name
- Message

Double-clicking on each log entry brings up a dialog with these values and some others, namely for Errors:

- Context
- Solution
- Stack Trace

and for Events:

- Event Type

Both log listings can also be filtered on:

- Start and End times
- Account
- Organization
- User
- Message

There is no option in Composer for clearing these logs.

# Managed Datapacks (Composer v4.3)

The Managed Datapack framework has been created to tie the version of shared datapacks to a composer release automatically. Datapacks such as Maguire reside in a shared datapack account and are not allocated directly to a client. Their allocation is controlled by a Managed datapack that contains the rules for which Maguire version should be used for each Composer release. According to the rules, the correct Maguire Pack version is added to the Organization's path automatically.

By centralizing the datapacks, deployment of new versions is simple because there is only the shared Datapack Account to update, rather than all the accounts on the environment.

The Managed Datapacks are subscribed at the account level. This allows organizations to add the managed datapack to their path if they wish to tie in the Composer version release with the compatible datapack release automatically.

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## Search

## Background and strategic fit

Many organizations have adopted the Maguire styling and BizPacks resulting in the need to incorporate them into the composer framework to ensure backward compatibility is addressed and that testing ties in with Composer releases.

## Features of using Managed Datapacks

#	Title	Description
1	Ability to tie datapacks to Composer releases	We require a way of linking composer releases with the correct version of Maguire or any other datapack like Bizpacks
2	Auto upgrade of datapacks	Organizations using Managed Datapacks need to be automatically upgraded to the compatible datapack release when the composer version is upgraded.
3	Allow for migration code to be run when updating datapacks.	When upgrading to a new version of a datapack such as Maguire, forms in the old version may require changes to make them compatible. This needs to be run automatically on upgrade.

## User interaction and design

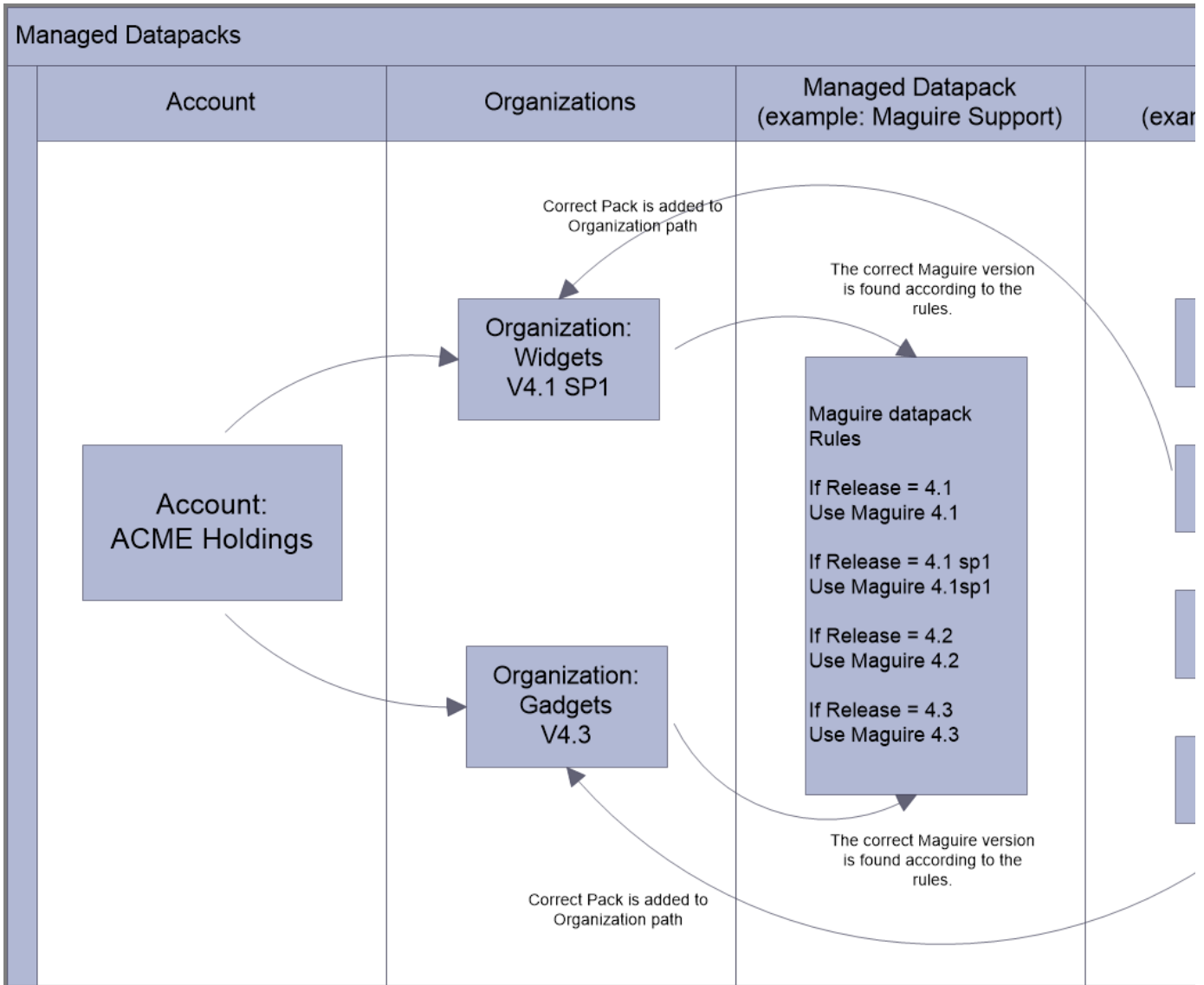
The following diagram illustrates where the managed datapacks reside and how they relate to accounts.

In this framework, the Maguire datapacks are not directly assigned to an organization. They still reside in a shared datapack account (Avoka Datapacks) but their allocation is controlled by the the Managed datapack that contains the rules for which Maguire version should be used for each Composer release. According to the rules, the correct Maguire Pack version is added to the organizational path automatically.

Versioning of Maguire Packs will be aligned with Composer releases.

The Managed Datapacks are subscribed at the account level. This allows organizations to add the managed datapack to their path if they wish to tie in the Composer version release with the compatible Maguire release automatically.

Note that it will still be possible to bypass this process and allocate the Maguire Packs directly **however this will need to be managed manually by the client and is NOT recommended in most cases.**



- Managed Datapacks.
  - These have no content just an organization.xml file
  - The descriptor in this file will contain release/service pack based rules for determining the actual datapack(s) to add the path.
  - Accounts will subscribe to the managed packs making them available to organizations
  - Organizations can then add them to their path via the edit organization function.
- New Maguire releases will force a Composer service pack (or point) release even if there are no composer changes.

# Managed Support for BizPacks (Composer v4.3)

Bizpacks use the same Managed Datapack framework as Maguire. However there are some differences.

There are 4 Bizpack libraries that are tied to regions. Universal, AU, EU, US.

They reside in a shared datapack account called Avoka Bizpacks.

## Initial Allocation of Bizpack Support

For a new environment Bizpack Support allocation is determined by region. A deployment property in Composer => "BizPack Region List" defines the Bizpacks that will be automatically allocated to all accounts in the Composer instance.

All Accounts automatically subscribe to the universal Bizpack library. The regions are determined by the deployment property. The screen grab below is from a Composer environment that only had AU set up in the deployment property. On initial allocation the account "Client Orgs" has Universal BizPack and AU BizPack Support (Not EU or US). It is of course possible to allocate support to the other regions by selecting them in this dialog.

## Importing the Bundled Packs

The process described above is initiated by an Import function in the Release management Screen. By selecting this option "Import Bundled Packs" the process of setting up all the Bizpacks in their correct account and allocating the Bizpacks to accounts, based on the deployment property is initiated.

## Gaining Access to the BizPack Libraries

We have discussed how the Bizpack support packs are allocated to the Accounts. This only makes the packs available for use to all the organizations under the account. If the organization's release does not have an associated BizPack then nothing will be allocated until the org is upgraded.

When an existing organization is upgraded, the rules in the Bizpack Support Packs available to the account are checked. If the target release for the organization matches one of the rules then the correct Bizpack Support pack will be added to the organization's path.

The BizPack Support packs can also be added manually to the search path by selecting the Update Organization Details dialog and selecting the Plus Button. Only libraries allowed at the account level will be shown for selection. In the following screens only AU and Universal Bizpacks are shown because the Account does not have US and EU selected.

*Account only has Bizpack Universal and AU Support Selected*

*Organization can only allocate these Universal and AU Bizpacks until account setting allows EU and US*

It is possible for Organizations to be subscribed to all 4 Bizpacks.

If the Bizpacks are assigned to the Organization and the release version is Bizpack Compatible the palette will have a new folder called Bizpacks. This will contain all the widgets available in the assigned Bizpacks.

## Removing Access to the BizPack Datapacks

Using the same dialogs as in the previous section, you can also remove access to BizPacks for an organization or account.

## Deprecated Widgets

Some existing Composer widgets have been moved to the Bizpacks.

Existing forms using these widgets may be impacted when they upgrade to 4.2 SP1.

All the widgets that have been moved to Bizpacks are still available in a deprecated folder in Composer. The forms will still generate but will return warning messages.

The form developer can either

- 1) Ignore the warnings - not recommended because support for these widgets may be removed.
- 2) Delete the widgets from the form
- 3) Assign the appropriate BizPack to the organization.

## **The Composer Palette**

Core widgets that have been moved to the Bizpacks will appear in a Deprecated Folder in the composer palette. This only occurs if the organization's release version is Bizpack Compatible and the Bizpack containing the deprecated widgets is not assigned to the Organization.

The screen grab below shows widgets specific to the US region that have been moved to the US region Bizpack. The organization has not subscribed to the US Bizpack so these widgets have been moved to the deprecated folder. If the US Bizpack was assigned to the Organization the widgets would not appear in the deprecated folder.

Support still exists for these widgets however a warning will be shown at form generation to inform the user that the widget they are using has been deprecated and they should use the correct Bizpack.

# Managed Support for Maguire (Composer v4.3)

A Managed datapack called "Maguire Support" has been created to simplify the distribution of the Maguire datapack and ensure that the correct release of Maguire is being used on the correct version of Composer.

Details of how Managed Datapacks work is below but essentially all that is required for users of Maguire is:

- 1) The Client Account is set up to subscribe to Maguire Support.
- 2) Organizations add the Maguire Support Pack to their Path. This happens by default in Accounts that are subscribed to Maguire Support.

## NOTES:

No other Maguire datapacks should be present. Custom Client packs can be created to extend Maguire.

The Maguire support pack uses the organization's composer version to ensure that the compatible version of Maguire is being used.

# Composer On-premise Upgrade Guide (Major Release) (Composer v4.3)

## What's on this page

- [Upgrade Steps:](#)
- [Follow up Actions:](#)
- [Rollback](#)
- [Upgrading from an older version.](#)

On-premise Composer installations will require regular upgrades to take advantage of new features and defect fixes.

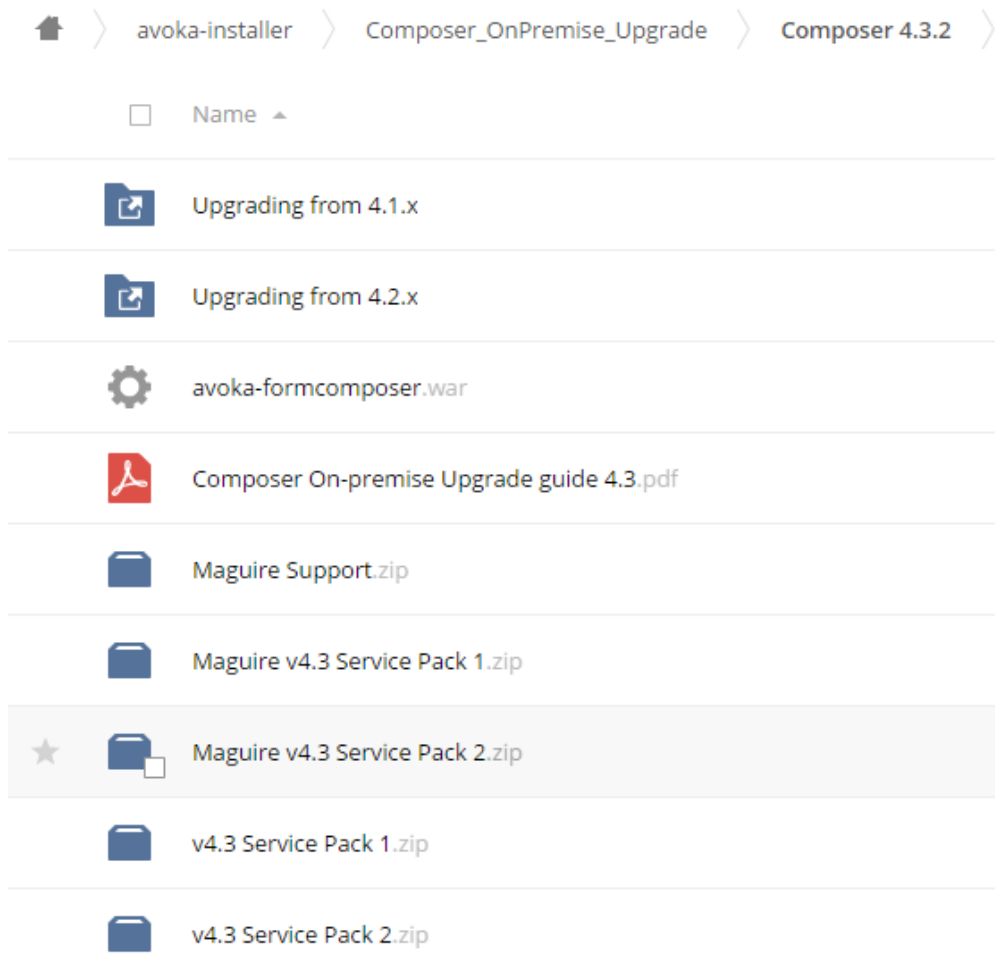
A special build is required for on-premise upgrades. This is available to customers at => [On Premise Composer Upgrade Directory](#)

Each available release is listed under this folder and includes all the items required for a successful upgrade. This will include:

- The release "WAR" file.
- Maguire Support Pack
- Maguire datapack
- Service Pack if not a major release.

If the client does not have the latest version of composer on their instance they will need to additional actions to the ones below. These are described later in this document.

The screenshot below shows the artifacts in the files.avoka.com upgrade folder for a 4.3.2 upgrade. The 2 sub-folders "Upgrading from 4.1.x" and "Upgrading from 4.2.x" are only required by clients who are NOT on 4.3 and will be required later in the upgrade.



## Upgrade Steps:

Composer upgrades require the deployment of a new WAR file in the JBoss application server. The WAR file can be downloaded from [On Premise Composer Upgrade Directory](#), you can contact the Avoka support team to obtain access. The upgrade will automatically upgrade the database if required, it is therefore important to create a full backup of the database before a new WAR file is deployed.

For updating composer war file:

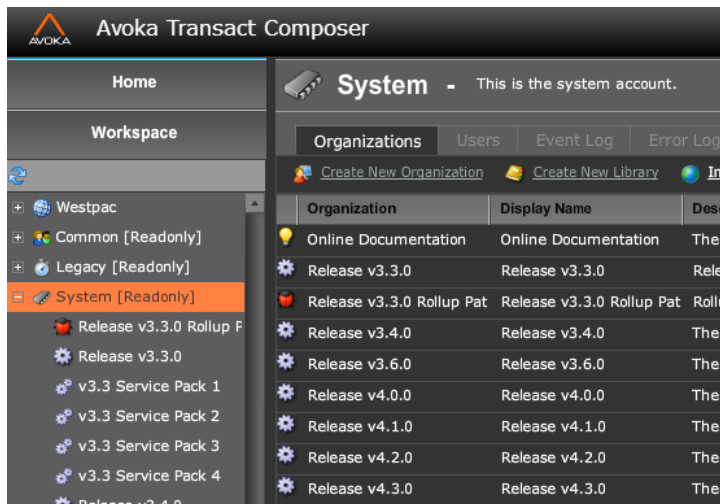
1. Backup composer database
2. Backup old the avoka-formcomposer.war from [JBOSS\_HOME]\server\default\deploy\,
3. Shutdown JBoss for Composer
4. Copy new avoka-formcomposer.war to [JBOSS\_HOME]\server\default\deploy\, replacing the old avoka-formcomposer.war
5. Delete [JBOSS\_HOME]\server\default\tmp folder
6. Start JBoss for Composer
7. The database upgrade process will be kicked off once the JBoss application server has been started.
8. You will now be able to access Composer as per usual

## Follow up Actions:

After a successful upgrade the following actions are required:

### 1) Updating the Service Pack(s) (Not required for major releases)

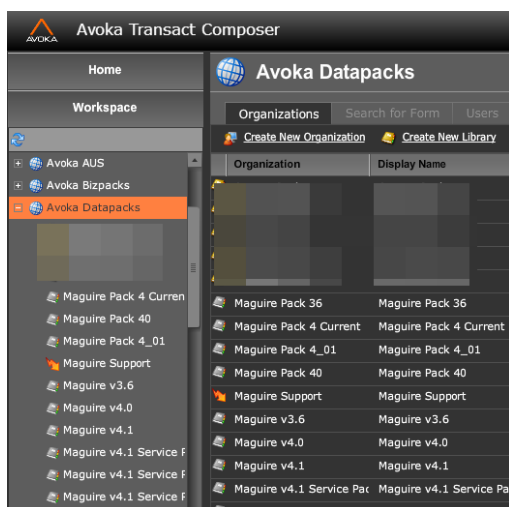
Service packs are named "v4.x Service Pack x". These need to be uploaded to Composer by a site administrator in the System Account. For major release (eg. 4.4, 5.0 etc) this is not required.



### 2) Adding Maguire Packs

If there is a corresponding Maguire release, there will be Maguire Pack Libraries that need to be uploaded to the Avoka Datapack Account

- 1) Maguire Support - This is the rule pack for Maguire. It will use the Organization's version to select the correct Maguire Pack. When uploading it can replace the existing pack.
- 2) Maguire vn.n - This is the Maguire Pack itself and needs to be added to the Avoka Datapack. There may be multiple to add.

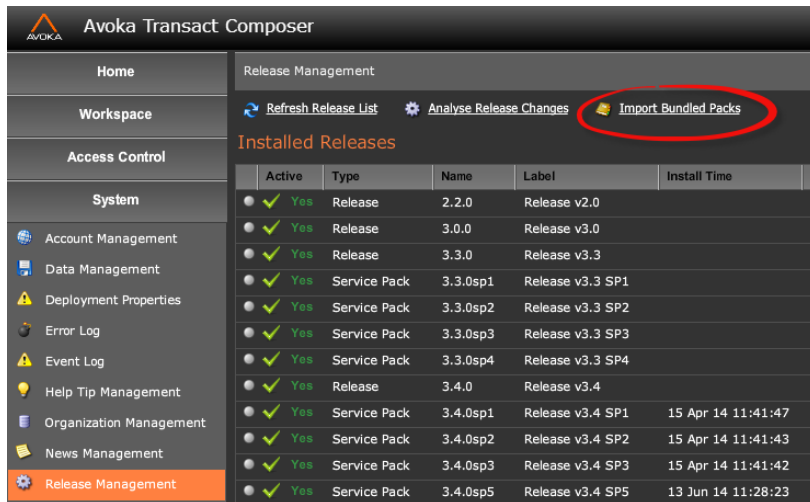


### 3) Activating Bizpacks

Bizpacks are bundled into the WAR file however they are not activated automatically. To do this the administrator needs to:

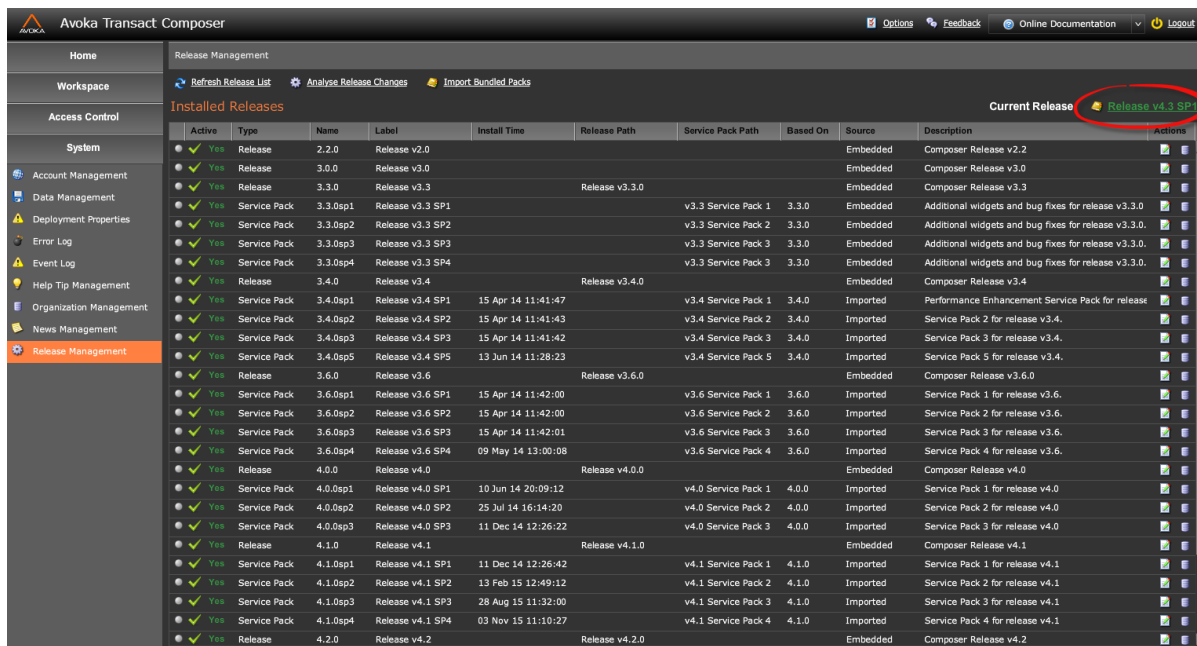
1. Go to: System=>Release Management
2. Select the "Import Bundled Packs" button.

This will add the Bizpacks to the Avoka Bizpacks account automatically.



#### 4) Setting the current release

1. Go to: System=>Release Management
2. Select the "Current Release" link on the top right hand corner.
3. The dialog will contain a dropdown with the available releases. Select the latest release and hit "Ok".



#### 5) Clients not on the latest release

For clients who are currently not on the latest release. That is 4.1.x or 4.2.x the additional steps are described below [Upgrading From Older Versions](#)

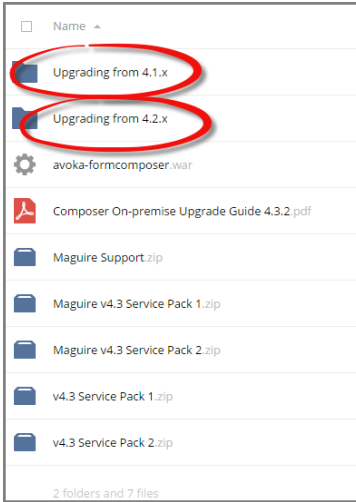
#### Rollback

To rollback the upgrade please follow the following steps:

1. Shutdown JBoss for Composer
2. Restore the database
3. Copy the backed up avoka-formcomposer.war to [JBOSS\_HOME]\server\default\deploy\
4. Delete [JBOSS\_HOME]\server\default\tmp folder
5. Start JBoss for Composer
6. You will now be able to access Composer as per usual
7. Contact the Avoka support team and provide them with the relevant JBoss log files for further analysis

#### Upgrading from an older version.

The following two folders are required by clients upgrading from version 4.1 and version 4.2.

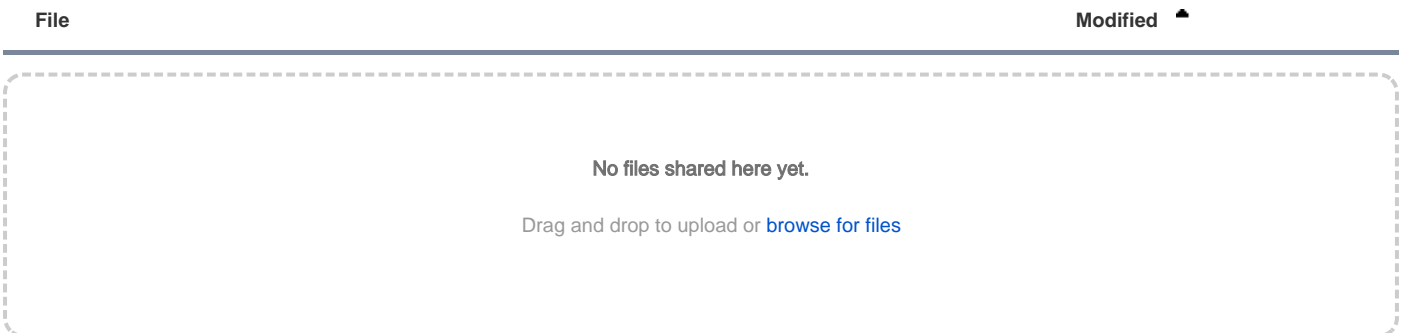


These contain the datapacks that need to be loaded to ensure the environment is fully up to date.

**Note that if you are upgrading from 4.1.x to 4.3.x you will need to add the datapacks from both folders.**

## Steps to upgrade

1. Open the folder required. Note that not all of the following may be present.
2. If there are Bizpacks in the folder you need to add them to the Avoka Bizpacks Account in Composer.
3. If there are Maguire packs they need to be added to the Avoka Datapacks Account in Composer
4. If there are Service Packs or Release Packs these need to be added to the System Account in Composer.



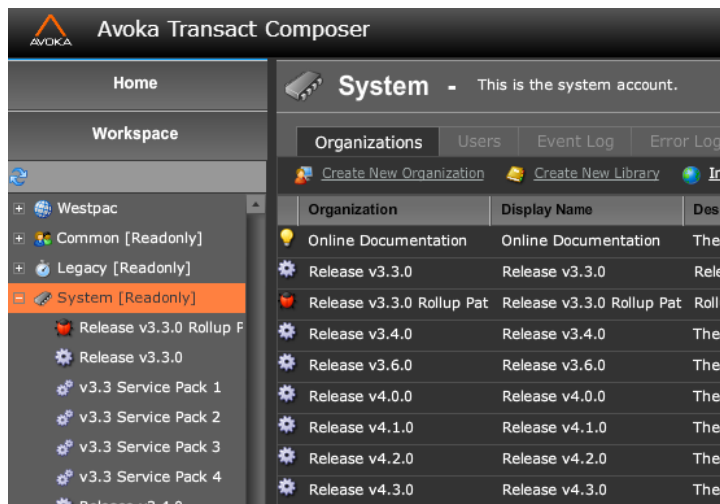
# Composer On-premise Upgrade Guide (Service Pack Release Only) (Composer v4.3)

## What's on this page

- [1\) Updating the Service Pack\(s\)](#)
- [2\) Adding Maguire Packs](#)
- [3\) Setting the current release](#)

## 1) Updating the Service Pack(s)

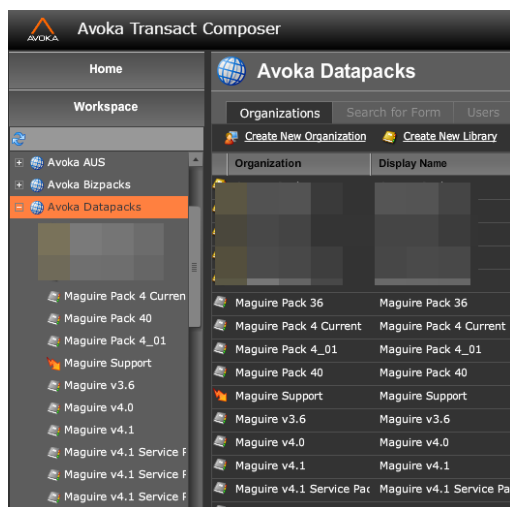
Service packs are named "v4.x Service Pack x". These need to be uploaded to Composer by a site administrator in the System Account. For major releases (eg. 4.4, 5.0 etc) this is not required.



## 2) Adding Maguire Packs

If there is a corresponding Maguire release, there will be Maguire Pack Libraries that need to be uploaded to the Avoka Datapack Account

- 1) Maguire Support - This is the rule pack for Maguire. It will use the Organization's version to select the correct Maguire Pack. When uploading it can replace the existing pack.
- 2) Maguire vn.n - This is the Maguire Pack itself and needs to be added to the Avoka Datapack. There may be multiple to add.



## 3) Setting the current release

1. Go to: System=>Release Management
2. Select the "Current Release" link on the top right hand corner.

3. The dialog will contain a dropdown with the available releases. Select the latest release and hit "Ok".

The screenshot shows the Avoka Transact Composer interface. The left sidebar contains navigation options: Home, Workspace, Access Control, System, Account Management, Data Management, Deployment Properties, Error Log, Event Log, Help Tip Management, Organization Management, News Management, and Release Management (highlighted). The main area is titled 'Release Management' and includes buttons for 'Refresh Release List', 'Analyse Release Changes', and 'Import Bundled Packs'. Below these is a table of 'Installed Releases' with columns: Active, Type, Name, Label, Install Time, Release Path, Service Pack Path, Based On, Source, Description, and Actions. The table lists various releases and service packs from version 2.2.0 to 4.2.0. A 'Current Release' dropdown menu is open, showing 'Release v4.3 SP1' selected and circled in red.

Active	Type	Name	Label	Install Time	Release Path	Service Pack Path	Based On	Source	Description	Actions
Yes	Release	2.2.0	Release v2.0					Embedded	Composer Release v2.2	
Yes	Release	3.0.0	Release v3.0					Embedded	Composer Release v3.0	
Yes	Release	3.0.0	Release v3.0		Release v3.3.0			Embedded	Composer Release v3.3	
Yes	Service Pack	3.3.0sp1	Release v3.3 SP1			v3.3 Service Pack 1	3.3.0	Embedded	Additional widgets and bug fixes for release v3.3.0	
Yes	Service Pack	3.3.0sp2	Release v3.3 SP2			v3.3 Service Pack 2	3.3.0	Embedded	Additional widgets and bug fixes for release v3.3.0	
Yes	Service Pack	3.3.0sp3	Release v3.3 SP3			v3.3 Service Pack 3	3.3.0	Embedded	Additional widgets and bug fixes for release v3.3.0	
Yes	Service Pack	3.3.0sp4	Release v3.3 SP4			v3.3 Service Pack 3	3.3.0	Embedded	Additional widgets and bug fixes for release v3.3.0	
Yes	Release	3.4.0	Release v3.4		Release v3.4.0			Embedded	Composer Release v3.4	
Yes	Service Pack	3.4.0sp1	Release v3.4 SP1	15 Apr 14 11:41:47		v3.4 Service Pack 1	3.4.0	Imported	Performance Enhancement Service Pack for release	
Yes	Service Pack	3.4.0sp2	Release v3.4 SP2	15 Apr 14 11:41:43		v3.4 Service Pack 2	3.4.0	Imported	Service Pack 2 for release v3.4.	
Yes	Service Pack	3.4.0sp3	Release v3.4 SP3	15 Apr 14 11:41:42		v3.4 Service Pack 3	3.4.0	Imported	Service Pack 3 for release v3.4.	
Yes	Service Pack	3.4.0sp5	Release v3.4 SP5	13 Jun 14 11:28:23		v3.4 Service Pack 5	3.4.0	Imported	Service Pack 5 for release v3.4.	
Yes	Release	3.6.0	Release v3.6		Release v3.6.0			Embedded	Composer Release v3.6.0	
Yes	Service Pack	3.6.0sp1	Release v3.6 SP1	15 Apr 14 11:42:00		v3.6 Service Pack 1	3.6.0	Imported	Service Pack 1 for release v3.6.	
Yes	Service Pack	3.6.0sp2	Release v3.6 SP2	15 Apr 14 11:42:00		v3.6 Service Pack 2	3.6.0	Imported	Service Pack 2 for release v3.6.	
Yes	Service Pack	3.6.0sp3	Release v3.6 SP3	15 Apr 14 11:42:01		v3.6 Service Pack 3	3.6.0	Imported	Service Pack 3 for release v3.6.	
Yes	Service Pack	3.6.0sp4	Release v3.6 SP4	09 May 14 13:00:08		v3.6 Service Pack 4	3.6.0	Imported	Service Pack 4 for release v3.6.	
Yes	Release	4.0.0	Release v4.0		Release v4.0.0			Embedded	Composer Release v4.0	
Yes	Service Pack	4.0.0sp1	Release v4.0 SP1	10 Jun 14 20:09:12		v4.0 Service Pack 1	4.0.0	Imported	Service Pack 1 for release v4.0	
Yes	Service Pack	4.0.0sp2	Release v4.0 SP2	25 Jul 14 16:14:20		v4.0 Service Pack 2	4.0.0	Imported	Service Pack 2 for release v4.0	
Yes	Service Pack	4.0.0sp3	Release v4.0 SP3	11 Dec 14 12:26:22		v4.0 Service Pack 3	4.0.0	Imported	Service Pack 3 for release v4.0	
Yes	Release	4.1.0	Release v4.1		Release v4.1.0			Embedded	Composer Release v4.1	
Yes	Service Pack	4.1.0sp1	Release v4.1 SP1	11 Dec 14 12:26:42		v4.1 Service Pack 1	4.1.0	Imported	Service Pack 1 for release v4.1	
Yes	Service Pack	4.1.0sp2	Release v4.1 SP2	13 Feb 15 12:49:12		v4.1 Service Pack 2	4.1.0	Imported	Service Pack 2 for release v4.1	
Yes	Service Pack	4.1.0sp3	Release v4.1 SP3	28 Aug 15 11:32:00		v4.1 Service Pack 3	4.1.0	Imported	Service Pack 3 for release v4.1	
Yes	Service Pack	4.1.0sp4	Release v4.1 SP4	03 Nov 15 11:10:27		v4.1 Service Pack 4	4.1.0	Imported	Service Pack 4 for release v4.1	
Yes	Release	4.2.0	Release v4.2		Release v4.2.0			Embedded	Composer Release v4.2	