

## **Archi - ArchiMate Modelling**



### **What's New in Archi Version 2.4**

## Important Note

It is always a good idea to make backup copies of your data before installing a new version of Archi. Whilst we make every effort to test the software and check for bugs we cannot guarantee that bugs do not exist in the application nor that your data might be affected by changes in this version of Archi.

Please backup your data first!

## New Features in version 2.4

- Added new Visualiser Window
- When creating a new connection between two elements, if there is an existing relationship of the same type, offer to reference that one
- Business Process figure can be displayed as an arrow figure
- Preferences option to set default fill colours
- Preferences option to choose whether to automatically create a backup file (\*.bak) when saving
- Preferences option to use orthogonal anchor points for connections (contributed by Jean-Baptiste Sarrodie, aka Jaiguru)
- The Java version shipped with the Windows installer is now version 1.6.0\_37
- Built on Eclipse 3.8.1 RCP
- Allow all ArchiMate elements to be accessed by Jasper Reports

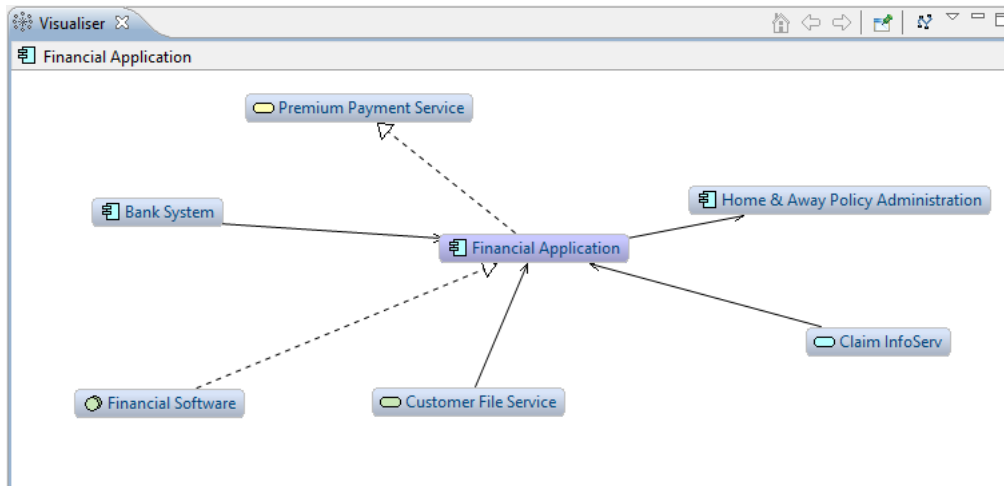
## Fixes in version 2.4

- Fixed bug where Navigator View didn't update in response to some model changes
- Relationship rule added - Deliverable Realises Plateau
- Canvas Editor locked text controls are selectable/scrollable
- Fix Outline view not updating on Mac

# Review of the Main New Features

## Added new Visualiser Window

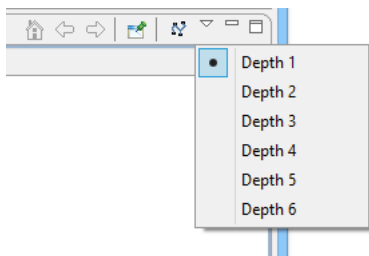
The Visualiser window displays the selected model element and all of its relationships with other model elements in a graphical way. It is the graphical equivalent of the Navigator. Selecting an element or relationship in the Model Tree, the Navigator or in a Diagram View will update the selection in the Visualiser.



*The Visualiser Window*

To use the Visualiser, select any element or relationship in the Model Tree, the Navigator, or in a View. The Visualiser will update to reflect the current selection. The Visualiser highlights the selected element and shows all relationships and any connected elements. Double-clicking on one of the connected elements allows you to "Go Into" to the element so that it is the focal central element, and all of its relationships and connected elements are displayed. You can also "Go Into" an element from the toolbar in the Visualiser window, and also select "Back" to return to the previous element. Select "Home" on the toolbar to return to the first selected element.

The Visualiser will display the selected element's connected elements to a default depth of one level (immediate connections). To change the depth level of how far the connections are calculated, select the Depth level from the drop-down menu in the Visualiser window:



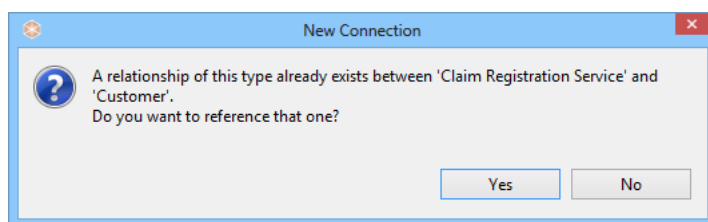
*The Visualiser Menu for Depth*

Selecting an element or relationship in the Model Tree, the Navigator, or in a View will update the focussed selection in the Visualiser window. To stop this from updating, you can press the "Pins the current view" button on the toolbar in the Visualiser window.

The first time a focussed element is displayed in the Visualiser window it is laid out with an animation. This animation can be turned off in [Preferences](#). If you wish to re-layout, you can press the "Layout" button on the toolbar in the Visualiser window.

## When creating a new connection between two elements, if there is an existing relationship of the same type, offer to reference that one

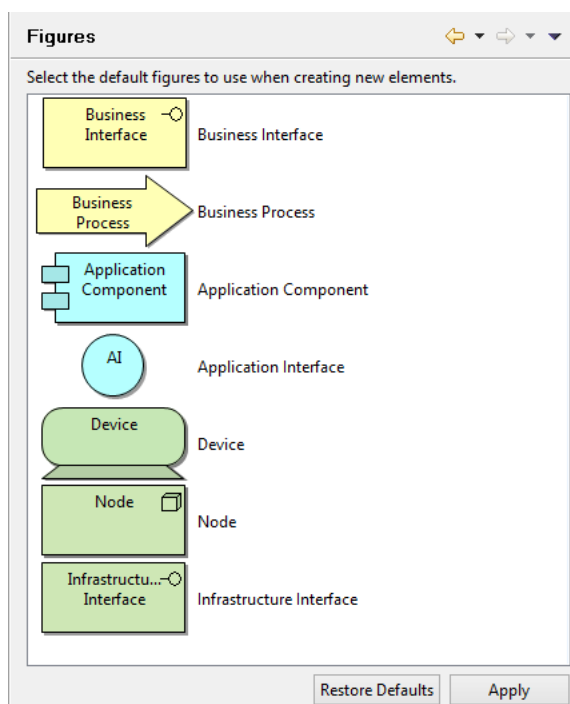
When adding a new connection in a View, if the same type of model relationship already exists between the source and target elements, a dialog box will appear giving you the option to reference that model relationship from the connection, or create a new connection *and* model relationship:



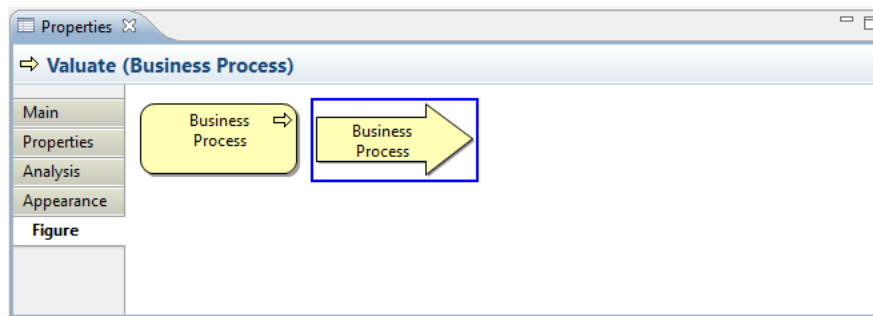
*A dialog providing the option of re-using a model relationship.*

## Business Process figure can be displayed as an arrow figure

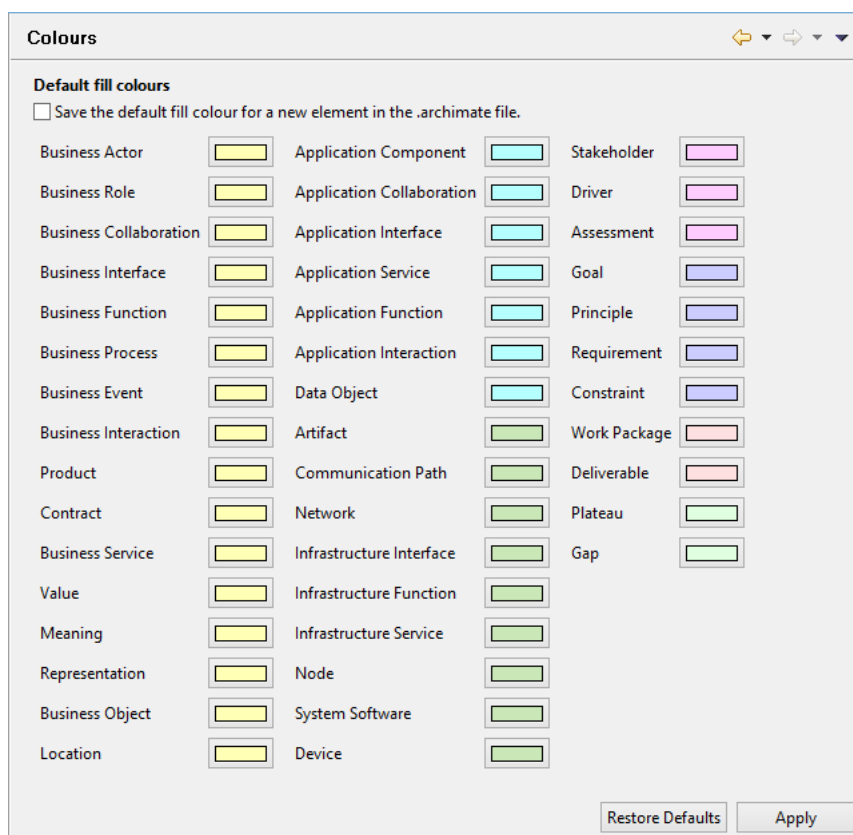
You can now use an arrow figure for a Business Process. You can set this as the default in Preferences:



Or on an instance basis in the Properties window:



## Preferences option to set default fill colours



*Colours Preferences*

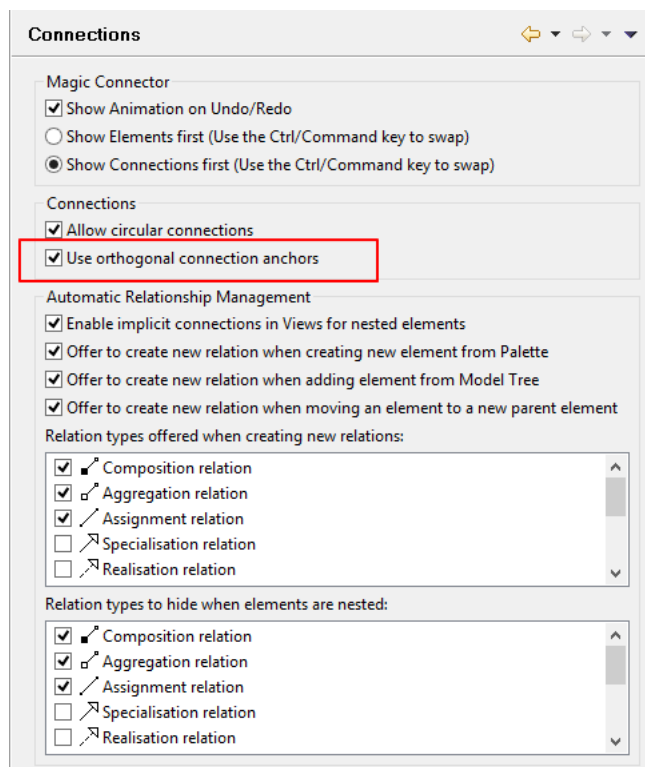
### Default Fill Colours

Choose the default fill colours to use for ArchiMate elements. These are the colours that will be displayed when the fill colour is set to "Default" in the Properties window for a diagram element. The default fill colours can be set differently for each installation of Archi so, for example, one user can have a completely different set of default fill colours than another user. The colours will not be saved in the .archimate model file unless the option to "Save the default fill colour for a new element in the .archimate file" is ticked.

### Save the default fill colour for a new element in the .archimate file

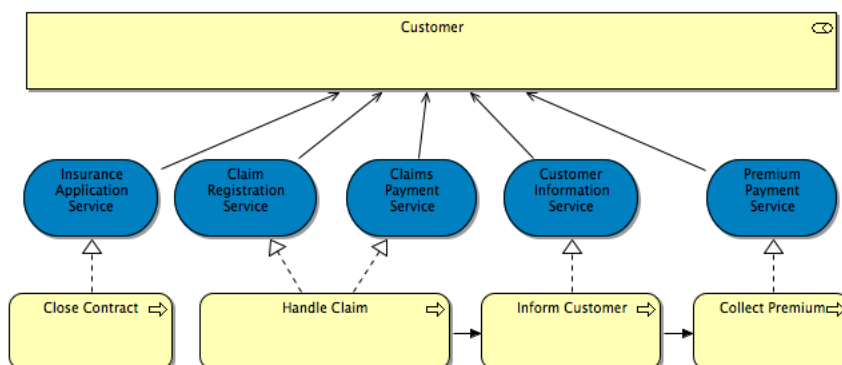
If this is checked a diagram element's default fill colour is saved in the .archimate file and will then be "fixed" in the file. This ensures that if the file is shared the recipient will see these colours.

## Preferences option to use orthogonal anchor points for connections



### Use orthogonal connection anchors

If this is ticked then a new method to calculate the anchor point for a connection is used (the position where a connection connects to a figure). By default (option not ticked), the anchor point is computed as the intersection of the figure's border and the connection targeting the figure's centre. With this option, the anchor point is computed to make the connection either a vertical or horizontal line (if this not possible, it connects to one of the figure's corners). It is possible to move this anchor point just by moving the figure or by creating a bend point in the connection and moving that. For example if not ticked (default) the connections appear as follows:



If ticked the connections appear as follows:

