Archi - ArchiMate Modelling

What's New in Version 1.7

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

- Can now add User Properties to Elements
- Search/Filter on Model Tree can search on User Properties
- HTML Report improved and contains User Properties
- Can now rename a Model Tree element with in-place editing ("Rename" in context and main menu items or F2 key)
- When adding a new element on the Model Tree the focus is put on in-place editing so you can edit the name
- Can now rename a View diagram element with "Rename" context and main menu items or F2 key
- New "Duplicate" command in the Model Tree duplicates Elements and Views
- Some View elements can show an alternative figure
- Preferences for alternative figures now sets the default for newly added elements
- Added a Note Connection type to the Palette for connections to/from Notes
- The Grid Snap and Alignment settings are now applied globally to all Views and saved
- The Access Relation type now has properties of "Access", "Read", "Write", and "Read/Write". This changes the connection's arrow head.
- Added an "Open Recent" files menu and a preference to set the maximum size of recent files list
- Changed menu item "Show Alignment Guides" to "Snap to Alignment Guides"
- Can now add View and Sketch References (linked shortcuts) to the Sketch View
- When deleting nodes on the Model Tree the previous node is now selected
- A View figure's text control can also be edited with a single-click when it is selected
- The Magic Connector cursor is now more magical
- Links in Documentation for elements are now saved as links in HTML Report
- The Java version shipped with the Windows installer is now version 1.6.0_24
- Built on Eclipse 3.6.2 RCP

Fixes

- Fixed palette not resizing and consequent loss of keyboard input on Linux
- The message in the dialog box displayed when opening a model that is already open shows the file name and model name
- Fixed Magic Connector not switching mode on Mac when pressing Command Key
- Fixed a bug where the Outline window might not clear when the View's model was closed
- Improved performance of the Outline window
- Derived relations will not be calculated if there are too many potential paths
- The drag outline figure when dragging and creating from the palette on Mac OS X Cocoa is no longer black
- Junction figures are restricted to their proper size when dragging and creating from the palette
- Fixed Connection line colour not copied when copy & paste
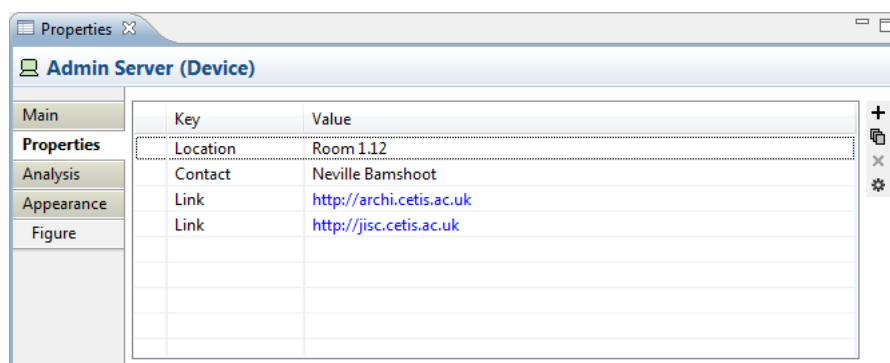- Fixed Interface element type parameter not copied when copy & paste

Review of the Main New Features

User Properties for Elements

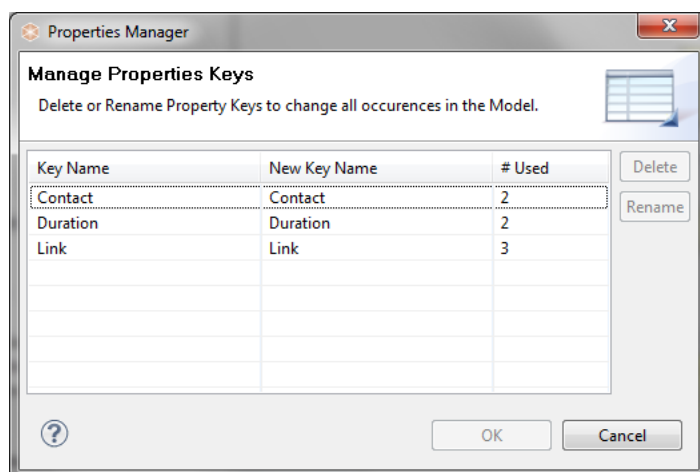User Properties can be created and managed from the "Properties" tab in the Properties Window.

The Properties Tab

This tab allows you to add arbitrary User Properties, or attributes, to an Element, Model or View. For example you may wish to add information such as "Cost", "Location", "Duration", "Time", "Link" and so on. Properties are stored as key/value pairs. Keys may appear more than once and values are free text. If the value of a Property starts with "http://", "https://" or "ftp://" it will show in blue to denote a hyperlink. Double-clicking on the table row will open the link in a Browser.
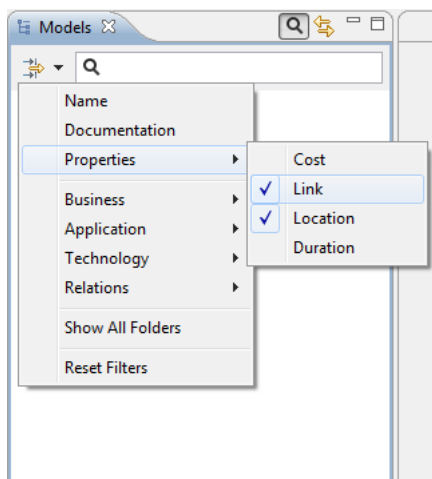

User Properties tab

Manage and view existing Property Keys globally

Manage Global Properties

Search and Filter on User Properties

To filter User Properties of elements you can select the different Property keys to include in the filter/search in the drop-down menu:
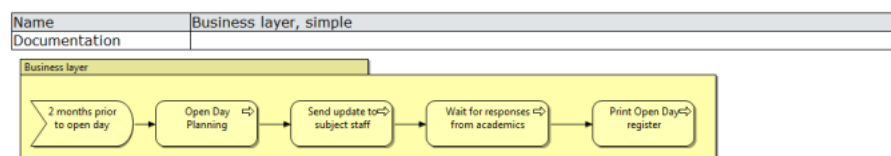
Search and Filter on User Properties

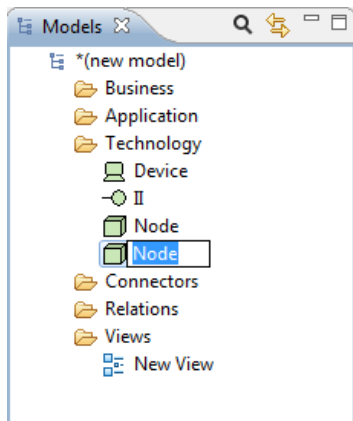## HTML Report Improved and contains User Properties

HTML Report

Rename Elements in the Model Tree

You can now directly rename an element in the Model Tree from the main "Rename" menu or from the right-click menu. Also, when you create a new element in the Model Tree the focus is immediately on the element so that you can rename it.
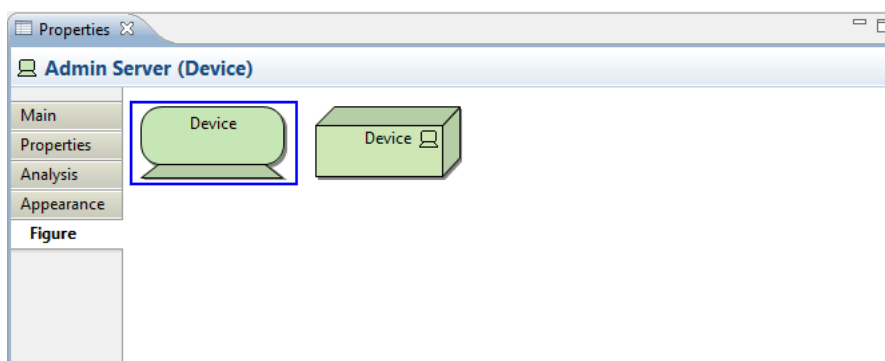
Renaming an element in the Model Tree

New "Duplicate" command in the Model Tree duplicates Elements and Views

To duplicate Elements or Views in the Model Tree select "Duplicate" from the main "Edit" menu or from the right-click context menu. Note that Duplicate Views contain references to the original elements copied.

Some View elements can show an alternative figure

Some elements can be represented by different figures. These are:

Application Interface
Business Interface
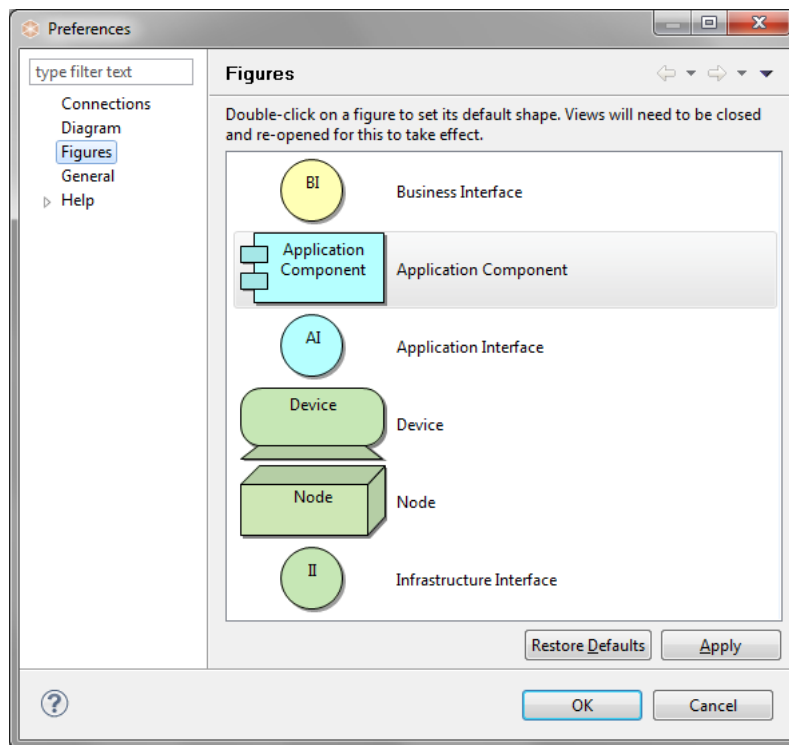Infrastructure Interface
Application Component
Node
Device

Setting the "Figure" Properties for a Device

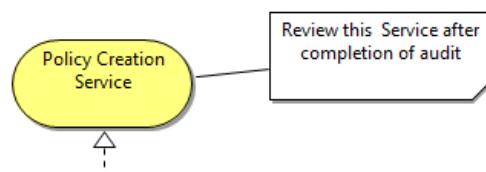The default figure to use when creating new elements can be set in Preferences.

Preference for alternative figures

You can now choose circle type figures for Interface types in Preferences.

Figures Preferences

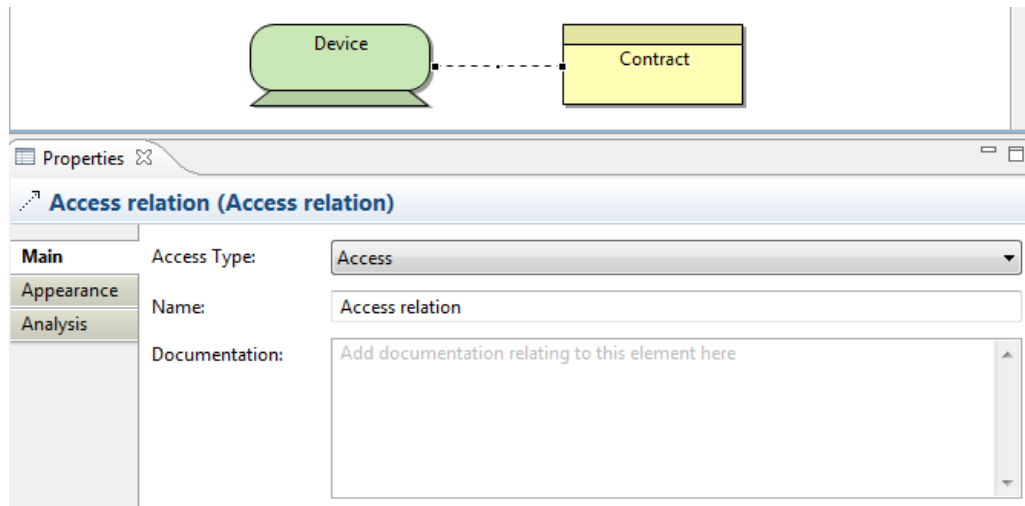# Added a Note Connection type to the Palette for connections to/from Notes

Connection from a Note

Grid Snap and Alignment settings are now applied globally to all Views and saved

The View menu options "Snap to Grid", "Grid Visible", and "Snap to Alignment Guides" were previously set on a per-View basis and not persisted between sessions. These options are now global, applying to all Views and their state is saved between sessions.

The Access Relation type now has properties of "Access", "Read", "Write", and "Read/Write"
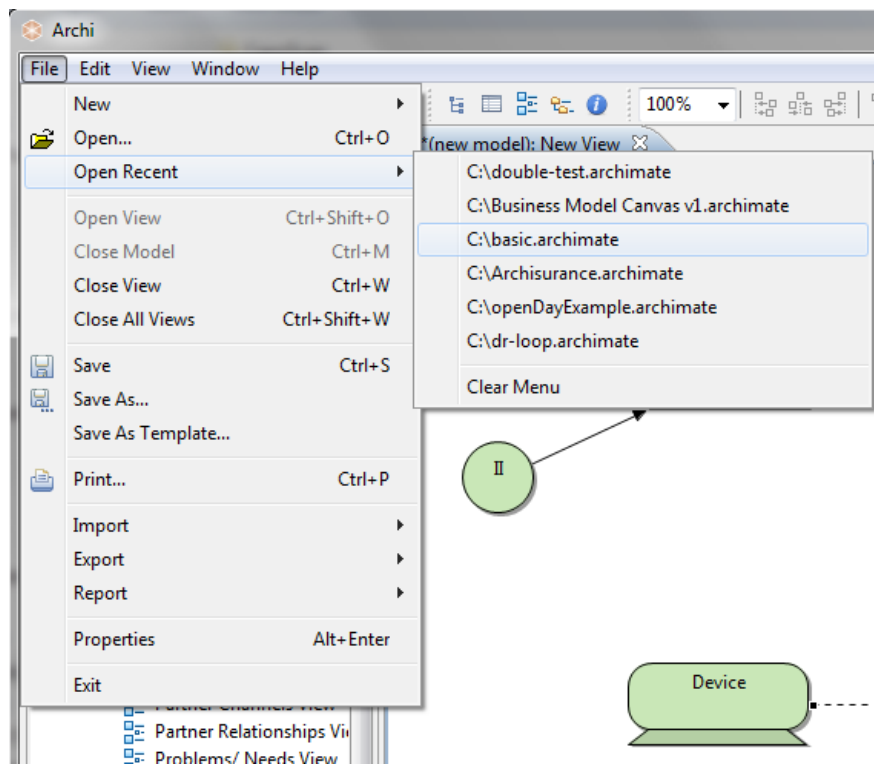
Four choices of type "Access", "Read", "Write", and "Read/Write" can now be set for an Access Type relationship. This changes the connection's arrow head.

Access Relation Types

Added an "Open Recent" files menu and a preference to set the maximum size of recent files list

There is now a "Open Recent" files menu. The maximum size of this list can be set in Preferences.

Open Recent Files Menu