

# Enterprise Architect User Group – Canberra 15<sup>th</sup> 2015

## Enterprise Architect 12 Overview

Introduction: Scott Hebbard from Sparx Systems provided a brief overview of some the new features available in Enterprise Architect 12. Below is an outline of the presentation.

In 15 minutes it is impossible to provide a comprehensive overview, but I will try to provide a glimpse of the cool new features and how they might assist you.

Some of the new features I shall look at include:

- Wireframing for Mobile Devices.
- Using the new Navigator Bar.
- BPMN Enhancements
- Visual Studio and Eclipse Links
- Schema Composer
- The Default Document Handler
- Streamline main Menu
- XSLT Debugger
- Database Builder
- XMI Merge
- Enhanced Common Property Dialogs
- The new Portals window for convenient access to model information
- And much, much more...

### Wireframing

Enterprise Architect 12 provides the ability to build prototypes using wireframes to help review designs, elicit feedback and clarify requirements. Use EA12 to build realistic interfaces, verify and maintain traceability and target multiple platforms. Lets have a look at some examples.

- You can build realistic designs for Android phones and tablets, Apple iPads and iPhones. (Show Toolbox)
- Link Requirements and Use Cases to UI elements for enhanced traceability (Select the Login button, then select View | Traceability)
- New diagrams supported (Add New diagram)
- Easily trace UI elements to requirements. (Select the Forgot Password button)
- Here is a new wireframe that will be used if a customer forgets their password
- Integrate wireframes with strategic models – such as a decision tree or State Machine.
- Make changes to existing patterns. (Switch off button)
- Show Use Case, Scenario and generate a diagram.

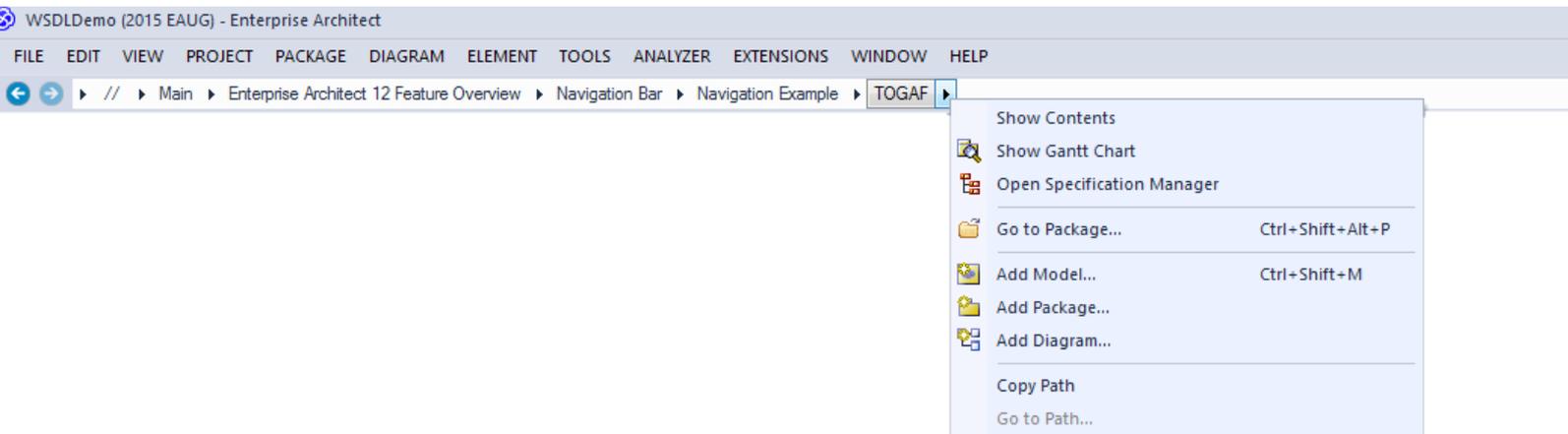
The advantage of using Enterprise Architect is the ability to connect wireframes to a rich tapestry of strategic models, requirements and Use Cases. On the Sparx Systems website we have a comprehensive webinar that outlines how to model wireframes for mobile devices. Visit [www.sparxsystems.com/webinars](http://www.sparxsystems.com/webinars) for more information

## Interface

- Enterprise Architect 12 has undergone a significant upgrade to the User Interface, including the menu, Start Page, theming and much More.
- Enhancements to support working in either 'light' or 'dark' themes, including code editing, notes and diagrams
- For a personalized look and feel. Choose from over a dozen elegant and individual theme styles.
- The Start Page has been redesigned, including rapid access to principal Portal Pages. Clear and simple list of models.
- Learning center and Model Mail now opens in the main tab view
- New Floating Summary View. View | Summary

## Navigation Bar

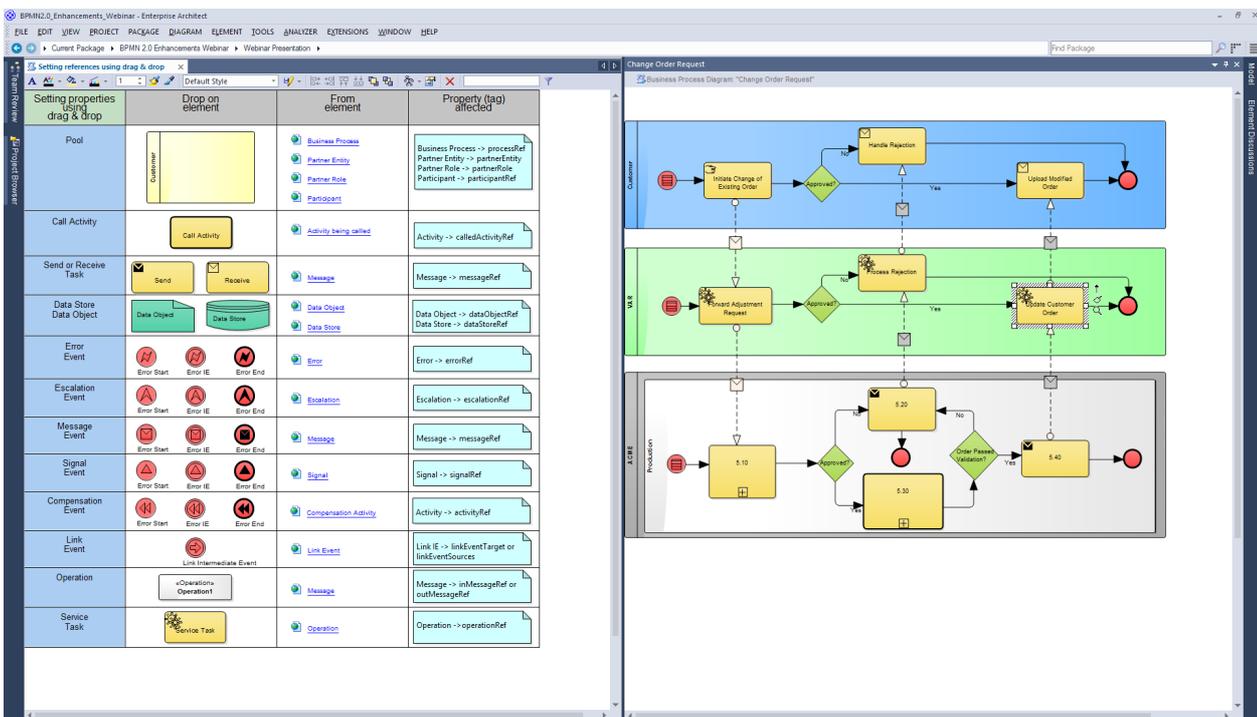
Provides Windows Explorer like access to your current position within the model. A minimalistic alternative to using the Project Browser or simply to keep track of your current location. Also includes a Package Finder, Portals shortcut menu and menu access to many common package based functions. Select View | Navigator



## BPMN

(Edit the properties for a BPMN Element on the diagram, change a Standard Loop to a multiInstance.)

- Enterprise Architect 12 brings greater conformance with the BPMN exchange format BPMN XML.
- New BPMN model patterns
- Diagramming and modeling improvements provide intelligent lay out features.



On the Sparx Systems website we have a comprehensive webinar that outlines all of the BPMN enhancements that were introduced with EA 12. So for more detail check it out.

## VS and Eclipse link

Visual Studio Link and Eclipse Link now built in to Enterprise Architect Professional and above. This provides a seamless link between EA and popular code editing tools – although personally I would just use EA.

## Default Document Handler

Default Document Handler support for many common types. Provides the ability to use inbuilt source code editor as the default Windows editor for source code, text, XML, XSD, RTF and other types commonly supported by Enterprise Architect.

If I switch to the Desktop, I can quickly demonstrate with an XMI file.

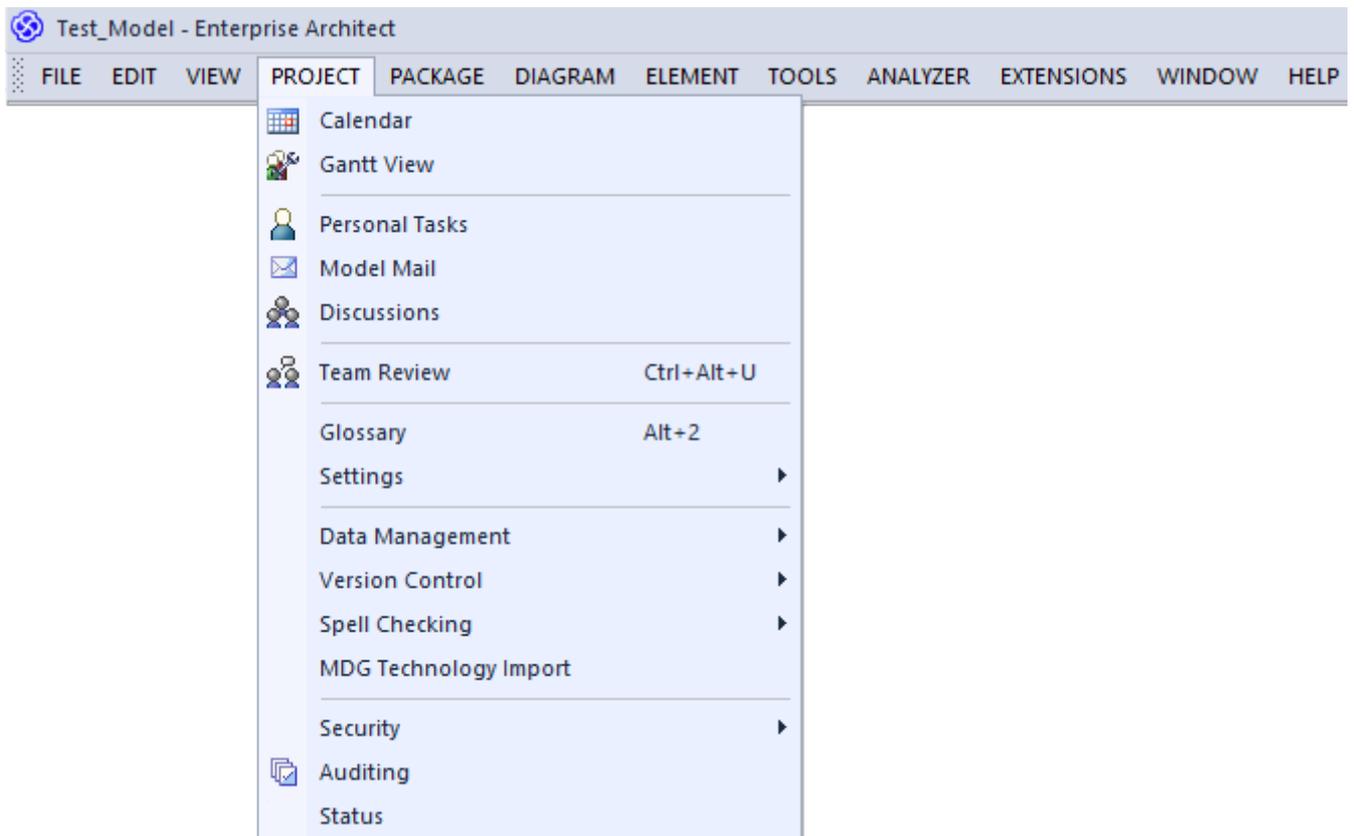
How do you want to open this type of file (.xsd)?



Enterprise Architect Document Handler

[More options](#)

## Streamline Main Menu



## XSLT Debugger

Full support for working with XSLT documents, including execution and single stepping. Comprehensive properties and integration with Enterprise Architects visual analysis tools. (*Tools/XSLT Debugger*)

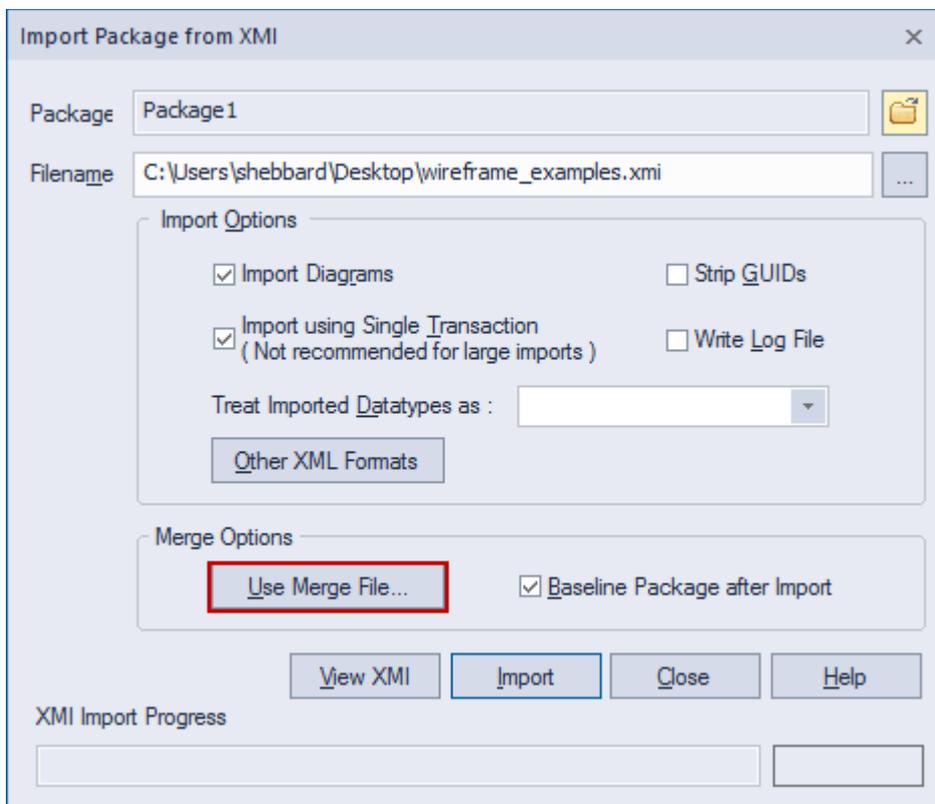
## Database Builder

Database Engineering toolset, including Database Builder window and new Datamodel pattern. Supports construction, exploration, differencing, query, DDL generation, Alter DDL, import and merge in a database centric fashion.

This new Database Engineering Toolset helps provide a data centric view of your model. See Tables, Views, Procedures, functions, sequences & packages. Easily set Primary key. Compare Difference and show the differences between EA and ODBC. Execute DDL

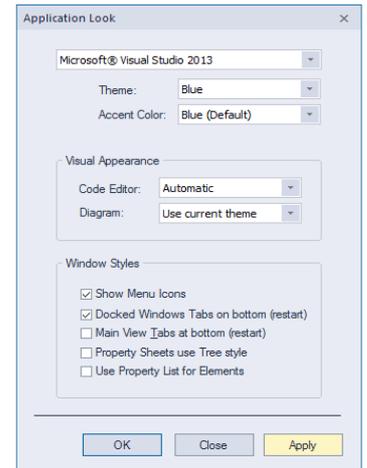
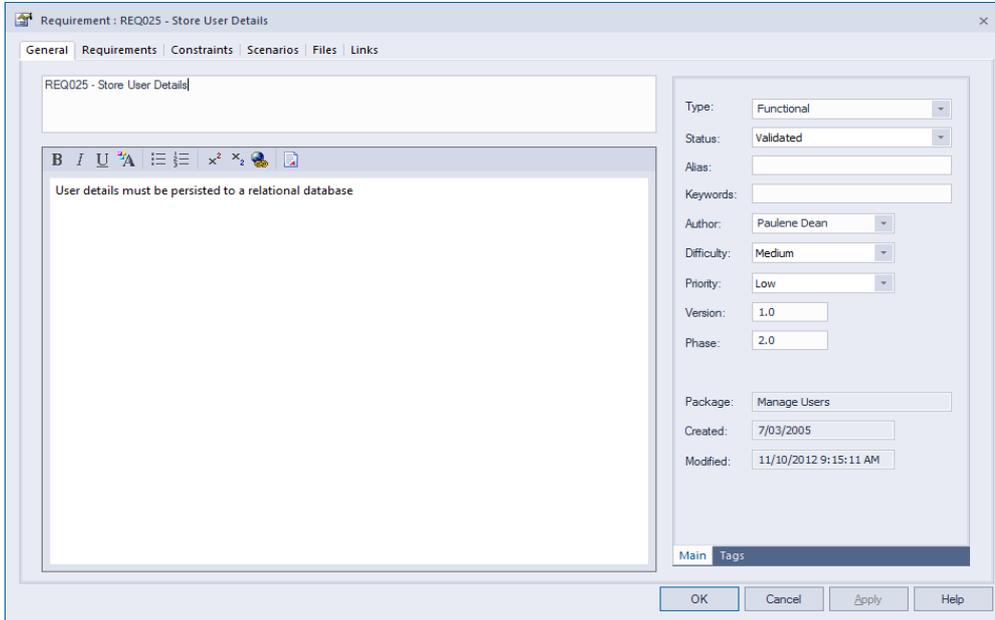
## XMI Merge

Enterprise Architect provides the ability to selectively merge sets of changes in a multi-user environment. Each user must supply both an XMI of their current work, plus a Baseline merge file detailing how their XMI differs from the original. Only the listed changes are merged and all other changes to the Master package remain untouched.



## Enhanced Common Property Dialogs

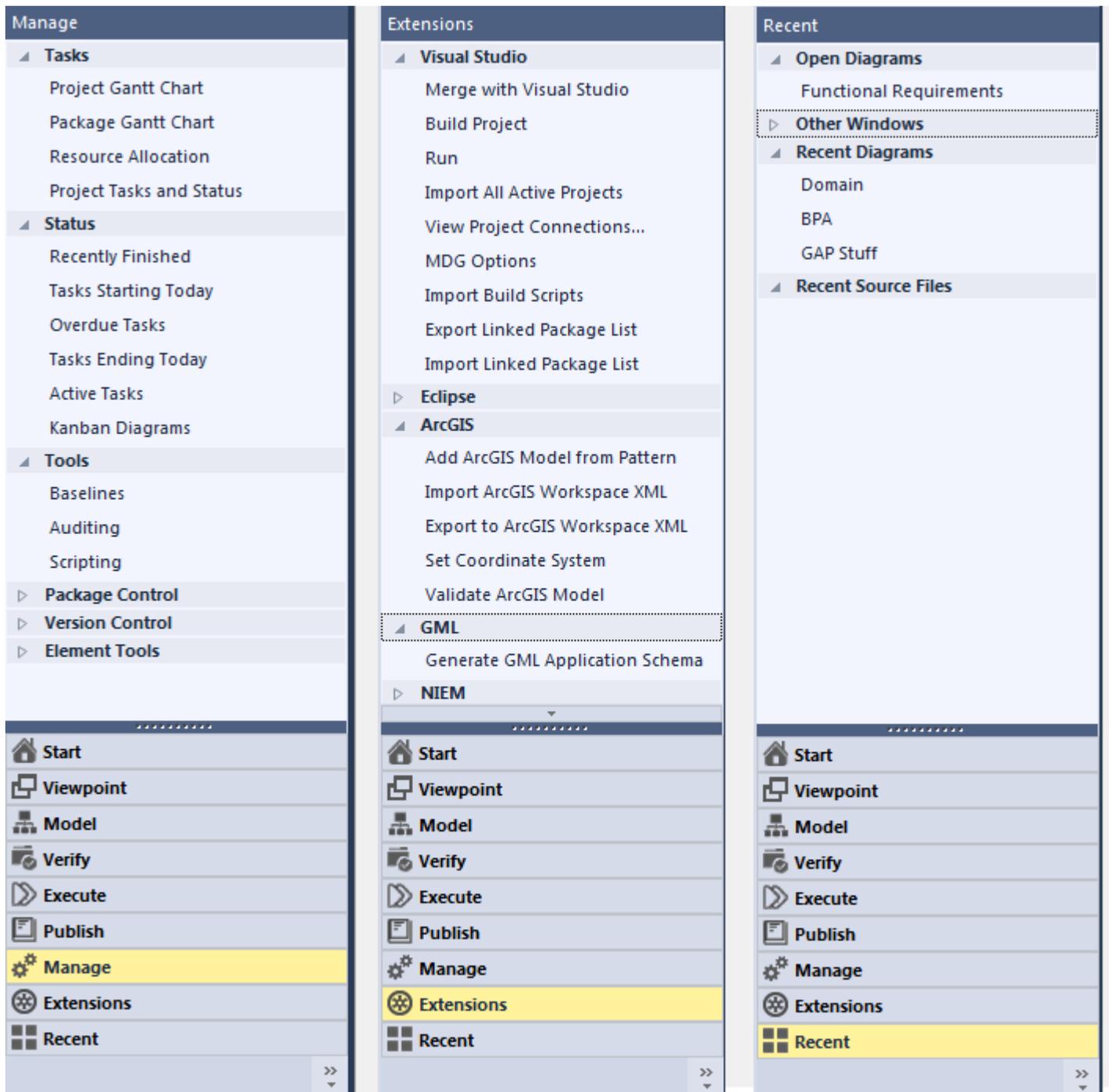
Common Property dialogs redesigned to provide a better user experience and more efficient use. Dialogs changed include the main element property sheets, new model from pattern, relationships, operation and attribute dialogs, and the merging of the table attributes and constraints property sheets into one common dialog.



## Portals

The new Portals window provides convenient access to model information, making everything just a click away.

Select View | Portals to access the Portals windows. (Open Portals window and then read the associated bullet points)



And much, much more...