SPARX
SYSTEMS

Enterprise Architect

Portals

What are Portals? In Sparx Systems Enterprise Architect, each Portal is a high-level logical grouping of common tools, custom searches, window layouts and Perspectives that forms an entry point to a specific set of features you might need to apply.

CREATED WITH SPARX ENTERPRISE ARCHITECT

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Portals

The Portals provide a high level, logical grouping of Enterprise Architect's tools and facilities, to form an entry point into specific features that you might need to apply. They provide access to common tools, custom searches, window layouts and Perspectives. For example, if you want to run searches for particular information in the model, or access the windows that are appropriate to a particular set of actions, you can select a Portal to identify and provide access to those facilities. This makes it easier to set up a work environment within the system, and carry out your tasks in a smooth sequence.

Access

Ribbon	Show > Portals > <select Portal>
Keyboard Shortcuts	Shift+Alt+P
Other	Start Page : Open a Portal	<select Portal> Navigator Toolbar : :

The Portals window

The Portals window displays on either the left- or right-hand side of the Enterprise Architect work area. It contains the currently-selected Portal and, under the title bar, a Portal selection button for changing the selected Portal.

Once the Portals window is displayed, it remains visible until you specifically select to hide it, or to auto-hide it as a tab on the side of the display, using the Portals window context menu options (see the *Portals Window Context Menu* table later in this topic).

Portals

The system currently provides nine Portals, each consisting of a collapsible hierarchy of option groups and options. If a Portal is too long to display the entire contents at once, a scroll button displays at the top and/or bottom of the Portal. Click on these buttons to scroll the Portal contents up or down (or use the scroll wheel on your mouse, or the keyboard arrow keys).

Portal	Description

Perspective	Provides a range of model Patterns from which you can generate model structures for particular areas of work. The Patterns are organized into groups within Perspectives, and presented for selection through the 'Model Patterns' tab of the Model Wizard, and through the 'New Diagram' dialog. The Portal also includes a category for Perspectives that you have created yourself, which provide the Patterns from MDG Technologies you have specified in the Perspective.
Workspace	Provides links to the system-provided workspaces and working sets that you might use to lay out the Enterprise Architect work area, and to any working sets and workspaces that you have created yourself. The categories provided are: • Customised ('My Workspaces') • Core • Design • Software • Simulation • Construction • BABOK

Window	Provides links to the Enterprise Architect windows that you might use. The windows are grouped under the areas of:
	• Exploring the model
	• Properties
	• Diagrams
	• Specialized Tools
	• Trace
	• Collaborate
	• Test
	• Task
	• Maintenance
	• Templates
Status	Provides links to run searches that locate recent activities of various types across the model. The searches are grouped to identify:
	• Recently changed elements, documents and discussions
	• Recent formal reviews
	• Recent informal Discussions
	• Recently active Tasks
	• Results of recently-run tests
	• Recently reported and investigated Changes
	• Recently reported and investigated

	Defects • Recently reported and investigated Issues
Extend	Lists the MDG Technologies currently active in your model - such as ArcGIS or NEIM - and for each one provides links to the facilities for working with those technologies within Enterprise Architect.
Execute	Provides a wide range of options that help you to: • Perform Execution Analysis on your model - building and running the Analyzer scripts • Record, Profile, Debug and Simulate the execution of your modeled application • Access various windows that display specific aspects of debugging and simulating an application • Create and edit code for your application
Revisit	Provides links to the working sets, diagrams, files, documents and system windows that you recently had in use, and the diagrams that you have open

	currently.
Guidebook	Provides links to the library of Enterprise Architect User Guides in PDF format. The Portal initially displays with ten categories of document, each of which can be expanded to a list of the PDF documents in that category.
Learning	Provides links to either the web version of the *Enterprise Architect User Guide*, or the locally-installed Help if you have downloaded that. The Portal also provides links to a number of useful web pages on the Sparx Systems website, such as the Resources, Tutorials, Webinars and Video Demos pages.

Portals Window Context Menu

Right-click on the Portals Window title bar to display the context menu. You can select the options in this table:

Portal	Description
Dock Left	Docks the Portals window on the left hand side of the work area.

Dock Right	Docks the Portals window on the right hand side of the work area.
Auto Hide	Condenses the Portals window to a tab on the edge of the work area. Mouse-over the tab to re-open the Portals window, move the cursor off the window to return it to a tab.
Hide	Hides - and effectively closes - the Portals window. To re-open the window, select the appropriate option under the 'Show > Portals' ribbon icon or the appropriate icon on the Start page.
Auto Collapse Groups	Automatically collapses the currently-selected group of options when you expand another group.
\<list of portals>	If you right-click anywhere in the Portals window other than the window title, the list of Portals displays. Click on a Portal name to change to that one in the window.

Perspective Portal

The Perspective Portal provides a number of work Perspectives grouped by general work area. Each Perspective filters the modeling windows and dialogs to present only the modeling Patterns you might use in the work defined by the Perspective. When you select a Perspective the Model Wizard displays, showing the 'Model Patterns' tab and providing the model templates that you might use to initially create a model supporting the type of work.

For example, if you select the 'Construction > Kanban' Perspective the Model Wizard presents three Kanban Patterns for one-stage, two-stage and three-stage workflows. As you open or refresh other windows, such as the 'New Diagram' dialog, the objects you can initially select are filtered to provide - in this example - only Patterns for developing Kanban diagrams.

The Perspectives you can select from the Portal, the Patterns they provide, and the facilities for managing Perspectives are described in the *Perspectives* section under 'Modeling Tools | Building Models' in the Help.

Access

Ribbon	Show > Portals	Perspective

Keyboard Shortcuts	Shift+Alt+P : ☰ Perspective ▼ | Perspective
Other	Start Page | Open a Portal | Perspective Navigator Toolbar : ☰ : Portals : ☰ Perspective ▼ | Perspective

Workspace Portal

The Workspace Portal provides links to apply defined workspaces to your Enterprise Architect user interface.

Access

Ribbon	Show > Portals > Workspace
Keyboard Shortcuts	Shift+Alt+P : Select Portal | Workspace
Other	Start Page | Open a Portal | Workspace Navigator Toolbar : ☰ : Portals : ☰ Perspective ▾ | Workspace

Facilities

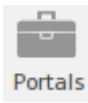| Category	Options
My Workspaces	This section provides the Workspaces that you have customized for your

	particular use.
Core	The options in this category apply some of the basic workspaces to your work area. These include: • Basic Diagramming • Collaborate • Core Modeling • Default • Explore • Wide View
Design	The options in this category apply some of the model design workspaces to your work area. These include: • Database Modeling • Gap Analysis • Requirements • Schema Design • Trace by Matrix • Use Case Modeling
Software	The options in this category apply some of the software development workspaces to your work area. These include: • Code Editing • Debug

	• Profile • Record • Software Engineering
Simulation	The options in this category apply some of the simulation workspaces to your work area. These include: • BPSim • DMN-Sim • Simulation • SysML-Sim
Construction	The options in this category apply some of the project construction workspaces to your work area. These include: • Change • Maintenance • Resource Management • Support • Task Management • Testing • Work Items
BABOK Guide	The BABOK Reader option applies the BABOK workspace to your work area.

Window Portal

Provides links to the Enterprise Architect windows you use to navigate through, develop and manage your models.

Access

Ribbon	Show > Portals > Window
Keyboard Shortcuts	Shift+Alt+P : ☰ Perspective ▼ | Window
Other	Start Page | Open a Portal | Window Navigator Toolbar : ☰ : 🧰 Portals : ☰ Perspective ▼ | Window

Facilities

Type	Facilities
Explore	Provides links to display the: • Project Browser - if the Project

	Browser is not currently open, this option opens it on the left of the workspace • Context Browser • Element Browser • Navigator • Resources window • Model Views • Model Search • File Search • System Output window
Properties	Provides access to these facilities: • Properties Window • Notes dialog • Tagged Values window • Summary screen • Document window • Features dialog • Requirements window • Construct screen
Specialized Tools	Provides access to these facilities: • Specification Manager • Scenario Builder • Constraints, through the

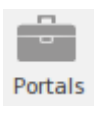|	
	Responsibilities window • Decision Table Editor • Database Builder • Schema Composer
Diagram	Provides access to these facilities: • Diagram Filters • Pan and Zoom window • Diagram Layout tools
Trace	Provides access to these facilities: • The Traceability window • Relationships window • Relationship Matrix • Gap Analysis Matrix
Collaborate	Provides access to the team communication facilities of: • Finding All Reviews • Finding All Discussions • Conducting Reviews • Conduction Discussions • Model Mail • Calendar • Chat • Team Library

Test	Provides the facilities to create and review Tests of all types supported by Enterprise Architect.
Task	Provides access to these facilities: • Project Gantt Chart • Personal Gantt Chart • Resource List
Maintenance	Provides access to the facilities for recording and managing: • Changes • Defects • Issues • Tasks • Events • Decisions • Effort • Risks • Metrics
Templates	Provides access to the facilities for maintaining: • Code Engineering Templates • DDL Templates • Document Templates

Status Portal

The Status Portal provides links to searches that extract information on the current status of objects in the model. The searches are grouped to identify:

- Recently created elements, documents and discussions
- Recent posts, discussions and formal reviews
- Results of recently-run tests
- Recently reported and investigated Defects
- Recently reported and investigated Issues
- Recently started, finished or active tasks

Access

Ribbon	Show > Portals > Status
Keyboard Shortcuts	Shift+Alt+P : ☰ Perspective ▼ | Statuₛ
Other	Start Page | Open a Portal | Status Navigator Toolbar : ☰ : 🧰 Portals : ☰ Perspective ▼ > Staₜᵤₛ

Facilities

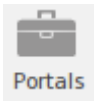|	
Recent Changes	These options execute searches for recent changes to: • Elements • Discussions • Linked Documents • Diagrams
Reviews	These options help you to: • Take part in a review • Manage the current reviews • Run a report to find open reviews • Run a report to find active reviews
Discussions	These options help you to • Take part in a discussion • Manage the current discussions • Run a report to find recently active discussions • Take part in a Chat • Review previously active chats

Tasks	These options help you to search for tasks that have a specific status: • Recently Finished • Starting Today • Overdue • Ending Today • Active • 30 Day Summary
Tests	These options help you to search for tests that have a specific status: • Recent Results • Recent Failures • Recent Passes • Recent Deferrals • Recent Modified Elements • Not Run • Not Checked
Changes	These options help you to search for changes that have a specific status: • New • Verified • Recently Reported • Recently Resolved • Unresolved Issues

Defects	These options help you to search for defects that have a specific status: • New • Verified • Recently Reported • Recently Resolved • Unresolved Issues
Issues	These options help you to search for issues that have a specific status: • New • Verified • Recently Reported • Recently Resolved • Unresolved Issues

Extend Portal

The Extend Portal lists the MDG Technologies currently active in your model, and for each one provides links to the facilities for working with those technologies within Enterprise Architect.

Access

Ribbon	Show > Portals > Extend
Keyboard Shortcuts	Shift+Alt+P : | Extend
Other	Start Page | Open a Portal | Extend Navigator Toolbar : : : | Extend

Facilities

The options provided in this Portal depend on what Add-Ins and MDG Technologies are loaded and active for the model, and what operations are supported between the technologies

and Enterprise Architect.

Execute Portal

The Execute Portal provides links to the facilities of the system that help you to:

- Perform Execution Analysis on your model - building and running the Analyzer scripts
- Record, Profile, Debug and Simulate the execution of your modeled application
- Access various windows that display specific aspects of debugging an application
- Run a number of searches for information on recent Simulations

Access

Ribbon	Show > Portals > Execute
Keyboard Shortcuts	Shift+Alt+P : ☰ Perspective ▼ > Execute
Other	Start Page | Open a Portal | Execute Navigator Toolbar : ☰ : Portals : ☰ Perspective ▼ > Execute

Facilities

Category	Options
Execution Analyzer	These options provide the facilities to create and execute scripts for building, running and testing an application. Select: • Open Source File - to display the 'Open Source File' browser from which you select a source file to view, and then display the file content in the Code Editor • Edit Build Scripts - to display the Execution Analyzer window, from which you can select a Build Script to edit • Merge - to run the Merge script associated with the selected Package • Build - to build the selected Package according to the active Build Script • Deploy - to run the deployment script associated with the selected Package • Run - to run the executable script associated with the selected Package • Test - to run the testing script

	associated with the selected Package
Analyzer	Select from these options to open the windows from which an Analysis session starts. Select: • Debugger - to open the Debug window • Profiler - to open the Profiler window • Recorder to open the Record & Analyze window • Testpoints to open the Testpoints window
Simulator	The options in this section open a number of windows that you might use in a Simulation session. Select: • Simulator to open the Simulation window • Triggers and Events to open the Simulation Events window • Breakpoints - to open the Breakpoints & Markers window • Local Variables - to open the Locals window • Call Stack - to open the Call Stack window • BPSim to open the Configure BPSim window • SysMLSim to open the Configure

	SysML Simulation window
Simulator Control	The options in this section help you to quickly control a simulation process. Select: • Start Simulation - to start debugging • Step - to step over the next line of code after a break • Step In - to step into a function call in the code • Step Out - to step out of a function call • Pause - to pause simulation • Stop - to stop the simulation altogether
Coding	The options provided in this section help you to create, edit and debug code. • Language Grammar Editor - displays the Grammar Editor for writing and editing a grammar for code imported in a new programming language • Scripting - displays the Scripting window at the 'Scripts' tab, for creating scripts within script groups • Source Code Editor - displays the Source Code Editor, which helps you to view, edit and maintain your source code directly inside Enterprise Architect

	• XSLT Editor/Debugger - displays both the XSLT Debugger screen and the System Output window at the XSLT Transformation tab, for converting an input document into XML or other document types using an XSLT Stylesheet; the transformation is modeled in an XML Transform diagram, from which you can debug and/or execute the stylesheet
Debugger	The options in this section open a number of windows that you might use in a debugging session. Select: • Breakpoints - to open the Breakpoints & Markers window • Call Stack - to open the Call Stack window • Local Variables - to open the Locals window • Memory - to open the Memory Viewer window • Modules - to open the Modules window • Watches - to open the Watches window • Object Workbench - to display the 'Object Workbench' dialog • Debugging Perspective - to display the

	set of debug windows, dialogs, toolbars and menus that you might use in a debugging session
Debug Control	The options in this section help you to quickly debug a running process or application (through a debug script). Select: • Debug Run - to start debugging • Step - to step over the next line of code after a break • Step In - to step into a function call in the code • Step Out - to step out of a function call • Pause - to pause debugging • Stop - to stop the debugging session altogether
Record	The options in this section help you to set up, start, record and analyze the execution of the application code developed from your model. Select: • 'Apply Record Layout' - to open the windows and dialogs that you would use in performing Execution Analysis on your model • 'Recording Window' - to open the Record & Analyze window to record

	the analysis of an application • 'Start Recording' - to start a manual recording of the current thread during a debug session, managing it using the 'Step... ' functions • 'Stop Recording' - to stop the current recording session • 'Auto Record Thread' - to begin recording and not stop until either the program ends, you stop the debugger or you click on the 'Stop' icon • 'Toggle Display of Execution Point' - to toggle between highlighting the execution point and not doing so • 'Create Sequence Diagram' - to generate a Sequence diagram from the recording trace
Profile	The two options in this section are to quickly set up a Profiling session on your application. Select: • Apply Profile Layout - to display all windows and dialogs that you might use in profiling the execution of your application • Show Profiler Window - to display the Profiler window only

Revisit Portal

The Revisit Portal provides links to the diagrams and system windows that you currently have open, and the documents, windows, diagrams and source files that you have recently opened and then closed again.

Access

Ribbon	Show > Portals > Revisit
Keyboard Shortcuts	Shift+Alt+P : > Revisit
Other	Start Page | Open a Portal | Revisit Navigator Toolbar : : > Revisit

Facilities

Category	Options
Working Sets	This category lists the working sets that

	you have applied recently. If you click on a set name, the windows and dialogs defined in that set are reapplied to your work area.
Current Diagrams	This category lists the diagrams that you currently have open. When you click on a diagram name, the focus changes to the selected diagram.
Recent Diagrams	This category list the diagrams that you have opened and closed during the current work session. You can click on a diagram name to re-open that diagram and resume work on it.
Documents	This category lists the Linked Documents that you have opened recently. If you click on a document name, the document re-opens.
Recent Windows	This category lists the windows that you have opened and closed during the current work session. If you click on a window name, the window re-opens.
Recent Files	This category lists the source files that you have opened and closed during the current work session. You can click on a

	file name to re-open that file and resume work on it.

Guidebook Portal

The Guidebook Portal provides access to a library of PDF documents held on the Sparx Systems website. These documents discuss specific areas of Enterprise Architect's functionality and use. The documents are grouped according to the area of work they support, namely:

- Basics
- Repository
- Modeling
- Domains
- Guides (for Business Analysis, Business Modeling and Enterprise Architecture)
- Project Management
- Publishing
- Simulation
- Execution
- Automation

To open a document, double-click on the document name.

Access

Ribbon	Show > Portals > Guidebook

Keyboard Shortcuts	Shift+Alt+P : ☰ Perspective ▼ > Guidebook
Other	Start Page | Open a Portal | Guidebook Navigator Toolbar : ☰ : Portals : ☰ Perspective ▼ > Guidebook

Learning Portal

The Learning Portal provides links to a number of useful Help pages or other web pages on the Sparx Systems website, to present topical information quickly. The information is displayed through the internal Web Browser, in the center of the work area.

The options are organized in a sequence, giving very specific information on a narrow subject such as keyboard shortcuts through increasingly broad discussions of facilities, features and concepts.

Access

Ribbon	Show > Portals > Learning
Keyboard Shortcuts	Shift+Alt+P : ☰ Perspective ▼ > Learning
Other	Start Page | Open a Portal | Learning Navigator Toolbar : ☰ : 🧰 Portals : ☰ Perspective ▼ > Learning

Facilities

Category	Options
Quick Reference	The 'Quick Reference' option provides a set of Help topics that give immediate information on some of the collections of tools of Enterprise Architect, such as shortcut keys or the ribbons.
Help	The options in this group access the top-level topic from each chapter of the Help. Once you have displayed a top-level topic, you can select subordinate topics for more detailed information on a subject, or return to the Index to open a different chapter.
Special Topics	These topics describe specific features and facilities of Enterprise Architect, to provide a direct and focused discussion of a facility such as Kanban Diagrams or Roadmaps.
Guides	These topics discuss broader subject areas and work concepts, such as Enterprise Architecture, Business Analysis and Business Modeling.

Webinars	Select the 'Webinars' option to open the 'Webinar Registration' page of the Sparx Systems website, which: • Describes upcoming webinars (real-time seminars hosted via the internet) scheduled by Sparx Systems, and • Provides links to the registration form, for you to register your participation in a webinar
About	The options in this section provide access to a range of useful Sparx Systems web pages, which contain information on and demonstrations of Enterprise Architect and other Sparx Systems facilities. • 'Tutorials' - to open the 'Tutorials' page of the Sparx Systems website, which provides tutorials on general UML modeling and doing work with Enterprise Architect • 'Resources' - to open the 'Help, Tutorials & White papers' page and the 'Resources' page of the Sparx Systems website, providing access to a wide range of Enterprise Architect and UML tutorials, demonstrations, examples, base files, Add-Ins and general

	information
	• 'MDG Technologies' - to open the 'MDG Products' page of the Sparx Systems website, which provides a brief description of, and the download links for, each supported MDG Add-In product for a selected edition of Enterprise Architect - select your installed edition from the drop-down list Enterprise Architect editions such as Unified and Ultimate will automatically register certain Add-In products; however these Add-Ins are not included in the default Enterprise Architect installation and must be downloaded separately
	• '3rd Party Extensions' - to open the 'Third Party Extensions' page of the Sparx Systems website, which provides listings of additional Enterprise Architect Add-Ins developed by partners and other members of the Enterprise Architect community
	• 'Newsletter' - to open the 'Newsletters' page of the Sparx Systems website, which provides links to view newsletters previously released by Sparx Systems, and to subscribe to

| | receive future newsletters as they are released |
| | • 'Release History' - to open the 'Recent Features' page of the Sparx Systems website, which provides a full history of changes in the most recent builds of Enterprise Architect
You can also open the release history and investigate the features of earlier releases of the system, going back to version 1.1.3, the very first commercial release |