



# ENTERPRISE ARCHITECT

## Recent Features

This section lists the features of **Enterprise Architect 17.1**:

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The main features of Enterprise Architect 17.1 are shown on the [official release page](#).

Select a version below:

EA Version 17.1 ▼

### Release Notes for Enterprise Architect v17.1 (Build 1716)

29th of January 2026

#### General

- Updated the handling of TFS controlled package files during the initialization of a connection
- The 'Connector' tab of the Docked Properties window will be read only when a connector is not editable
- Allow setting a class template parameter from the Project Browser
- Improved the native XML import behavior when the parent of an imported diagram differs between the model and XML
- Importing an ArchiMate Model Exchange File will update an existing package rather than always creating a new one
- ArchiMate 3.1 Model Exchange updated to correctly represent ArchiMate Elements that are on a Note element
- New context menu option 'Export selected Packages to new OEA File' available from the

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### Data Warehousing

- Updated SQL Server grammar to support
  - TEXTIMAGE\_ON clause in a CREATE TABLE statement
  - DEFAULT keyword in an ALTER TABLE statement
- SELECT keyword is now supported in a PostgreSQL SET CONFIGURATION statement

## Release Notes for Enterprise Architect v17.1 (Build 1715)

22nd of December 2025

### General

- Support added for handling multibyte characters in file names when exporting documents with images to HTML
- Auto counter configuration corrected for stereotypes that contain apostrophes
- Allow round-tripping of package / element / attribute / operation / connector translations via XMI 1.1
- Corrected the horizontal scroll position for the Browser window when the scrollbar is hidden ( Linux / Wine )
- Baseline comparisons no longer require the permission 'Restore from Baseline' to run
- Improved export of a package containing reused Parts to XMI 2.x
- Updated BPMN 2.0 XML import to ensure items are layed out as specified
- Updated behavior for models with 'Automatically apply Exclusive Edit Locks to diagrams' enabled, to prevent "Violation of Primary Key constraint" error

## Release Notes for Enterprise Architect v17.1 (Build 1714)

22th of October 2025

### General

- Corrected Add-In broadcast event EA\_OnNotifyContextItemModified when an attribute or operation is in context
- Project Transfer updated to prevent a potential issue when importing stereotype reference data while using native drivers
- Improved OpenID authorization behavior when a connection can not be established
- Updated the 'Parts / Properties' and 'Interaction Points' windows to ensure the correct owner is displayed
- User Preferences | Diagram | Appearance option 'Element Border Width' updated to include widths of 1 to 5
- Restored the ability to drop a stereotype from the Toolbox onto a diagram object
- XMI export updated to correctly handle tagged values that reference an image
- 'Script Group Properties' dialog updated to correct the combo-box display when using the Office 2022 Theme
- DMN Expression editor updated to correct an issue with loading expressions
- User defined DBMS datatype mappings are correctly matched with target DBMS datatypes

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- Database Drivers: EA now distributes PostgreSQL v17.06 database drivers for use with Native connections

## Release Notes for Enterprise Architect v17.1 (Build 1713)

8th of August 2025

### General

- Legend dialog property 'Applies to:' corrected for translated versions
- Improved diagram rendering when using auto-color legends
- Removed constraint preventing specialization of SysML 1.5 stereotypes
- Connector notation settings under (Diagram Properties | Connectors | Connector Notation) will correctly display 'Information Engineering' and 'IDEF1X' notations for Entity Relationship Diagrams
- Quicklinker behavior updated to allow linking to a new DataStoreNode or ParameterSet element
- ChatGPT queries can now incorporate information about the selected element or active diagram in ChatGPT enabled models
  - Include #element# or #diagram# in your message, e.g. summarize the role this element #element# plays in the following diagram #diagram#
- Improved Smart Placement snapping behavior

## Release Notes for Enterprise Architect v17.1 (Build 1712)

27th of June 2025

### General

- Corrected loading of Model Add-ins with dependencies
- Validation of the Scale limit for a database column has been corrected in the docked properties window

## Release Notes for Enterprise Architect v17.1 (Build 1711)

18th of June 2025

### General

- XMI 2.x export updated to include:
  - 'Leaf' property on UML Attribute, Operation and Part
  - 'Conjugated' and 'Unique' properties on UML Port
- XMI 1.1 importer updated to improve handling of empty linked documents when using a Native connection to a SQL Server model
- 'Select Model' dialog Help button updated to show its corresponding Help Topic;

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- Improved diagram navigation support for connectors
  - Comma ',' moves the selection to the source object
  - Period '.' moves the selection to the target object
  - Forward slash '/' while an object is selected will move selection to a source or target connector for that object
  - Press slash '/' again to move selection to the next source or target connector for that object
- Improved error message when 'Import Package as MDG Technology' fails
- Synchronizing an ActivityParameter via the 'Properties | Behavior' tab creates ActionPins without overriding names
- Corrected editing of dates values in the Project Gantt View when using the Keyboard
- Restored use of single quote escape characters in the Search Window
- Improved security for Windows and OpenID users
- Browser updated to support the 'Cut' context menu option when multiple elements are selected
- Document generation has been updated to ensure the header and footer are generated if they have been included in a master document template
- Diagram navigation keys Shift + Arrow will behave as expected when 'Auto Grouping' is disabled
- Required MDG Technologies list checkbox columns are now mutually exclusive
- 'Storage Files' for a Reusable Asset Service can now be saved to a shared drive or volume other than C:\ on your local file system
- Merging from a baseline has been corrected to ensure an elements composite diagram link is retained
- MagicDraw (MDZip) import improved

### Automation and Scripting

- Corrected behavior when assigning multiple stereotypes in a security enabled model
- Unsaved local diagram object changes (such as fill color etc) will no longer be lost after updating an element
- Docked properties window will correctly show changes when the context element is updated
- State chart diagrams will show the correct name in the docked properties window when adding an element via an empty state zone
- Added a new Add-In event EA\_GetMenuItemsLx to support returning a string of semi-colon separated menu items
- Updated SetContext to ensure the ContextLocation parameter name is unique
- Ensure DoTAMCompare() can be called without error

## Release Notes for Enterprise Architect v17.1 (Build 1710)

5th of May 2025

### Diagramming

- Options 'Exact Placement' and 'Center to Center' in Start | Appearance | Preferences | Links will save when modified
- Diagram legends corrected to ensure the line width of a connector is applied when a shape script does not override that value
- Diagram hyperlinks have been updated to allow a background color to be applied
- Ensure static attributes and operations continue to draw with an underline after changing

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- Added orthogonal square and orthogonal rounded to the list of permitted default line styles for connectors
- Editing a Trigger name will now update the displayed text for all transitions using that Trigger
- Creating a composition between a Block and an Actor will automatically create a Part
- SysML diagrams rendered as a frame on non-SysML diagram type, now have the display option 'Use SysML Frame'
- When dropping an element as new specialization from the browser, it will be created under the owner of the target diagram
- Shapescrpts now render line styles correctly when using paths
- Show name of signal in SendSignalAction notation
- Improved copy and paste of elements from unsaved diagrams to ensure any unsaved style changes are included
- CallOperationAction ActionPin's now display the linked operation parameter type
- Improved SVG image export to ensure stroke-opacity is respected
- Corrected display of inherited attributes compartment for Actor and Component elements
- Improved behavior when moving elements in and out of a package on a diagram

### Documentation:

- Custom Document SQL Fragments that contain the [Note-Formatted] alias have been corrected for qea/qeax models
- Help System Authoring has been updated to ensure the HelpTopicProxy elements are correctly generated
- Corrected the Document Template editor to prevent a new section being inserted as protected text
- Reporting of Table Attribute fields Length, Precision and Scale has been updated to display these value when a product name isn't specified
- Improved the display of AutoFit Tables for DOCX files
- Document style sheets published with an MDG Technology are now available from the 'Update Styles' menu for a document template
- HTML report generation updated to ensure diagram images are generated at the correct size with matching image map coordinates
- Rendering of connectors improved when using meta-file as the image format
- Exporting a Custom Document to HTML has been updated to support Japanese filenames

### User Interface

- The 'Inspector' context menu item is now available when right clicking an element on a diagram
- Corrected copy-paste of diagram objects when copying from a list view to the chat window or other rich text editors
- Model Builder window will be refreshed after importing an MDG Technology
- Prevent duplicating embedded inherited elements when displaying them via the docked features window
- Corrected a display issue in the Profile Helpers dialog when using the Microsoft Office 2022 theme
- Localization support added for 'Manage Model Options | Object Lifetimes' visibility combo box items
- VariableAction elements can now select Object elements for their 'Variable' property
- Ensure stereotype properties for an Attribute are displayed in the 'Attribute' tab of the Properties window when selected in the browser
- Baseline comparison results will be sorted to reflect the Browser tree order where applicable
- Duplicating an element or package using copy 'Full Structure for Duplication' will now

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- Corrected color of window caption buttons and combo box drop arrows after changing themes while the Diagram Relationship Matrix is visible
- Restore Toolbox behavior to ensure pinned pages always show
- Dialogs that open at saved locations will display correctly when monitor configurations have been changed
- Restored context menu items 'Find in all Diagrams...' and 'Locate in Current Diagram' for package elements in the Browser window
- Main tab view text editor has been updated to set the horizontal scroll position correctly for extremely long lines of text
- Context menu for creating a new element from the quick access pop-up notes editor has been restored
- My Diary renamed to My Workbench
- Added context menu option to append text selected from the Chat, Discussion, Review and Popup Note window to the 'My Workbench' 'Today' entry
- Updated editor for the 'My Workbench' window to support context menu option Create | 'New Element from Selection'
- Ensure MDG Technologies can be correctly re-enabled after they were disabled from the Project Options dialog
- Added support for showing baselines that are available from a RAS in the 'Baselines' tab of the 'Timelines' docked window when selecting a package
- Updated Schema Composer to ensure 'Inheritance' selection is persisted for redefined types
- Updated 'Find in Browser' to prevent a potential error when trying to locate an operation
- Ensure view specifications from disabled Technologies are not shown in the Diagram Builder
- Corrected copying and pasting of objects with embedded elements into another package
- Added Toolbar button menu option 'Create New AI Discussion' to the 'Discuss' tab of the 'Discuss & Review' window

### Database Engineering

- Database properties dialog updated to address an issue with saving Data Warehouse SQL Objects
- Support .js file extension in the Import DDL Scripts dialog for MongoDB
- Corrected behavior when importing a single DDL file using the 'Import DDL Scripts' dialog

### Profile Authoring

- "Show Namespace" option added to the Profile Helper dialog for diagram profiles
- Model pattern elements sorted in browser will display that ordering in the 'Model Builder' window when using the Import Package as MDG Technology command
- An MDG Technology that has not defined any notes will no longer be treated as an error when importing using 'Save Package as MDG Technology' option
- "Save Package as MDG Technology" updated to improve handling of package names larger than 12 characters

### Automation and Scripting

- The following calls have been added for managing Snapshots and comparing packages with a File or TAM:
  - CreateSnapshot() - create a new Package/Element/Diagram Snapshot
  - GetSnapshots() - retrieve all Package/Element/Diagram Snapshot GUIDs
  - DoSnapshotCompare() - compare a Package/Element/Diagram against a specific Snapshot
  - DeleteSnapshot() - delete a Package/Element/Diagram Snapshot

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- Ensure EA\_OnNotifyContextItemModified is only called when the element updated is in context
- Added Repository.SetContext - advises context sensitive controls such as the Properties window to populate based on the current item


### Other

- Improved performance of the Visual Execution Analyzer while debugging applications
- Updated parsing of custom query searches to ignore anything after a statement terminator
- Auto-Naming counters for non-profiled stereotyped elements have been corrected
- Updated the PostgreSQL and OpenSSL drivers
- Improved support for case sensitive models
- XMI import behavior updated to ensure Activity and State elements correctly import composite diagram references
- Improved handling of binary fields in QEA replication conflicts
- Updated XMI 2.4.x and XMI 2.5.x export to include 'isID' property on UML Attribute, Part and Port

### External Integration

- Corrected External Data integration issues:
  - Type Mapping 'Reset to defaults' now offers options to reset all types, fields and relationships
  - Improved synchronization of tagged values that are mapped to MDG stereotype tagged values
  - Fixed issues adding new elements to diagrams
  - Fixed showing on new connectors when adding linked elements to a diagram



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