



ENTERPRISE ARCHITECT

Recent Features

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

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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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Preferences

- 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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Preferences

- 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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Preferences

- 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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Preferences

- 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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