

# Welcome to ER/Studio Data Architect 21.0.x

[ER/Studio Home](#) | [ER/Studio Documentation](#) | [IDERA Technical Support](#) | [www.idera.com](http://www.idera.com)

---

Thank you for using IDERA ER/Studio Data Architect, previously known as ER/Studio, the award-winning data modeling application for logical, and physical database design and construction. ER/Studio Data Architect's (ER/Studio DA) powerful, multi-level design environment addresses the everyday needs of database administrators, developers, and data architects who build and maintain large, complex database applications.

ER/Studio DA's progressive interface and processes have been logically organized to effectively address the *ease-of-use* issues that have plagued data modeling tools for the past decade. The application facilitates your ability to create, understand, and manage the mission-critical database designs within an enterprise. It offers strong logical design capabilities, bidirectional synchronization of logical and physical designs, automatic database construction, accurate reverse engineering of databases, and powerful HTML-based documentation and reporting facilities. Before you use ER/Studio, please read the information below.

See the most recent documentation at the IDERA Web site, <https://www.idera.com/support/productdocuments>

---

## WHAT'S NEW IN VERSION 21.0

[Updates ER/Studio branding](#)  
[Adds support for Replica Tables and Replica Views](#)  
[Introduce the AI Help Chatbot](#)

## RELEASE NOTES

[Important Release Advisory](#)  
[Important Installation Notes](#)  
[Bug Fixes and Known Issues](#)

## UPGRADE INSTRUCTIONS

[Upgrading from ER/Studio Portal to Team Server](#)  
[Upgrades for ER/Studio Repository Users](#)  
[Upgrades for version of ER/Studio Repository prior to 2016](#)

## ADDITIONAL RESOURCES

[Licensing Your IDERA Product](#)  
[IDERA Product Support](#)  
[IDERA Technical Support](#)  
[IDERA on the Web](#)

## WHAT'S NEW IN VERSION 21.0

### Updates ER/Studio branding

ER/Studio 21.0 introduces new and more modern branding in many areas of the products. You'll notice new colors, icons, and updated wizards and dialogs.

### Adds support for Replica Tables and Replica Views

This release of ER/Studio Data Architect introduces support for cross-database references of *Database.Schema.Table* (Replica Table) and *Database.Schema.View* (Replica View) for the following database platforms:

- Azure Synapse Analytics
- Snowflake
- SQL Server 2019 and 2022

This feature allows users to work with Replica Tables and Replica Views and supports reverse engineering of external dependencies for Views.

## Introduces the AI Help Chatbot

This release of Data Architect provides additional assistance to user through use of the AI Help Chatbot. Accessed by clicking the question mark Help icon in the upper right-hand corner of the window, users can ask specific questions regarding the product and its use. The AI Help Chatbot then works with the user to find exactly what they are searching for.

## RELEASE NOTES

### IMPORTANT RELEASE ADVISORY

**To ensure compatibility with ER/Studio Repository synchronization, this version of ER/Studio Data Architect requires ER/Studio Repository (Team Server) version 21.0 or later for all Repository operations.**

ER/Studio Portal is no longer supported by ER/Studio Data Architect. Most functionality formerly provided by ER/Studio Portal is now provided by ER/Studio Team Server. Users that formerly used the **Repository** tab to browse the portal can use a Web browser instead.

### License Enforcement

When working with the Repository, all users must use the same license type. ER/Studio now enforces this by marking the Repository as an Enterprise Team Edition Repository when a user with an Enterprise Team Edition license logs in. Subsequent log in attempts by users with a non-Team Edition license will not be allowed

### IMPORTANT INSTALLATION NOTES

- To install ER/Studio Data Architect on Windows 10 or 11, you must have administrative privileges. Once you install ER/Studio DA, you can then log in as a standard or limited user and use the application without having administrative privileges.
- In order to run ER/Studio DA, you must provide valid licensing information.
- When you install ER/Studio DA, certain files and directories that were previously stored under the Program Files folder are now by default installed to system-specified application data directories.
- During installation, the following directories are created:
  - For **Datatype Mapping Editor** files, which is also the default location for user-generated Datatype Mapping files:
    - C:\ProgramData\IDERA\ERStudioDA\_XXXX\DatatypeMapping
  - For **Automation Handler** files, which is also the default location for sample macros:
    - C:\ProgramData\IDERA\ERStudioDA\_XXXX\Macros
  - For **sample model** files, for which a shortcut is generated in the ER/Studio DA program group:
    - C:\ProgramData\IDERA\ERStudioDA\_XXXX\Sample Models
- When the application is run for the first time, the following directories are created by ER/Studio DA:
  - Directories used by the Repository client to **transfer** files to and from the Repository server:
    - C:\Users\    - C:\Users\
  - Default directory for **Report** files:
    - C:\Users\
  - Default directory for SQL scripts:
    - C:\Users\
  - Default directory for **Quicklaunch** files:
    - C:\Users\
  - Default **Save** location for new diagrams:
    - C:\ProgramData\IDERA\ERStudioDA\_XXXX\Sample Models

## BUG FIXES AND KNOWN ISSUES

---

For the most recent list of known issues and bug fixes in this release, see [http://docwiki.embarcadero.com/ERStudioDA/210/en/Release\\_Notes](http://docwiki.embarcadero.com/ERStudioDA/210/en/Release_Notes).

## UPGRADE INSTRUCTIONS

### UPGRADING FROM ER/STUDIO PORTAL TO ER/STUDIO TEAM SERVER

---

For detailed instructions on upgrading to Team Server, see [Install or Upgrade Team Server and Repository](#).

### UPGRADES FOR ER/STUDIO REPOSITORY USERS

---

To use the repository with this release, you will need to be running ER/Studio Repository (Team Server) 21.0 or later.

### UPGRADES FOR VERSION OF ER/STUDIO REPOSITORY PRIOR TO 2016

---

Repository is now installed as part of Team Server. To upgrade an earlier version of Repository, please see [About Team Server and Repository Upgrade](#).

## ADDITIONAL RESOURCES

### Licensing Your IDERA Product

All IDERA products include a 14-day trial period. To continue using the product without interruption, we recommend that you license it as soon as possible. For information on licensing your product, refer to the *Quick Start Guide*. If you have not yet purchased this product, contact [sales@idera.com](mailto:sales@idera.com).

### IDERA Product Support

The IDERA Web site is an excellent source for additional product information, including white papers, articles, discussion forums, and the IDERA Knowledge Base. Visit [www.idera.com/support](http://www.idera.com/support), or click any of the links below, to find:

- [Documentation](#)
- [Online Demos, Technical Articles, and White Papers](#)
- [IDERA Community](#)

### IDERA Technical Support

If you have a valid maintenance contract with IDERA, the Technical Support team is available to assist you with any problems you have with our applications. Our maintenance contract also entitles registered users of IDERA products to download free software upgrades during the active contract period. Evaluators receive free technical support for the term of their evaluation (14 days).

We encourage you to open technical support cases via the [Customer Support Center](#). For additional information about IDERA Technical Support, visit the [Support](#) section of our Web site.

### IDERA on the Web

To download evaluations of other IDERA products or to learn more about our company and our products visit us at [www.idera.com](http://www.idera.com).

---