



Informatica® Metadata Command Center  
November 2025

# erwin Data Modeler File Sources

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# Preface

Read *erwin Data Modeler File Sources* to learn how to register and configure erwin Data Modeler File sources in Metadata Command Center as catalog sources. After you configure a catalog source, you extract metadata and then view the results in Data Governance and Catalog.

## CHAPTER 1

# Introduction to erwin Data Modeler File catalog sources

You can use Metadata Command Center to extract metadata from a source system.

A source system is any system that contains data or metadata. For example, erwin Data Modeler File is a source system from which you can extract metadata through an erwin Data Modeler File catalog source with Metadata Command Center. A catalog source is an object that represents and contains metadata from the source system.

Before you extract metadata from a source system, you first create and register a catalog source that represents the source system.

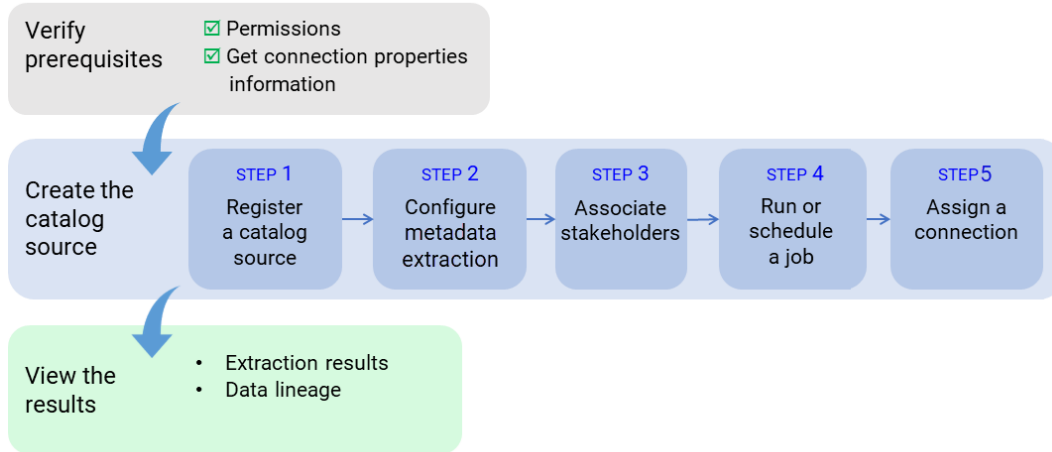
When Metadata Command Center extracts metadata, Data Governance and Catalog displays the extracted metadata and its attributes as technical assets. You can then perform tasks such as analyzing the assets, viewing relationships, and creating links between those assets and their business context.

You can only extract metadata using this catalog source.

# Extraction and view process

To extract metadata from a source system, configure the catalog source and run the catalog source job in Metadata Command Center. Then view the results in Data Governance and Catalog.

The following image shows the process to extract metadata from a source system:



After you verify prerequisites, perform the following tasks to extract metadata from erwin Data Modeler File:

1. Register a catalog source. Create a catalog source object, select erwin Data Modeler File, and specify values for connection properties.
2. Configure the catalog source. Specify the runtime environment and configure the metadata extraction capability.
3. Optionally, associate stakeholders. Associate users with technical assets, giving the users permission to perform actions determined by their roles.
4. Run or schedule the catalog source job.
5. Assign a connection to referenced source system assets.

## About the erwin Data Modeler File catalog source

You can use the erwin Data Modeler File catalog source to extract metadata from the erwin Data Modeler source system.

erwin Data Modeler is a data modeling tool used to find, visualize, design, deploy and standardize data assets.

# Extracted metadata

You can use the erwin Data Modeler File catalog source to extract metadata from an erwin Data Modeler source system.

Metadata Command Center extracts the following metadata from an erwin Data Modeler source system:

- Argument
- Attribute
- CandidateKeyGroup
- Column
- ColumnAttribute
- Condition
- Db2Database
- DataSource
- DataSourceFile
- DataSourceSchema
- DataSourceTable
- DatabaseSchema
- DefaultValue
- Directory
- Domain
- ERDiagram
- Entity
- File
- FileGroup
- Folder
- ForeignKeyGroup
- Identity
- Index
- IndexMember
- Library
- Mart
- MinMax
- Model
- ModelSource
- NamedRelationshipEnd
- Note
- OracleDatabase
- PrimaryKeyAttribute
- PrimaryKeyColumn
- PrimaryKeyColumnAttribute

- Relationship
- SQLServerDatabase
- Sequence
- StorageGroup
- StoredProcedure
- SubjectArea
- SubtypeRelationship
- SubtypeRelationshipRole
- Synonym
- Table
- TableEntity
- Template
- Trigger
- TypeValue
- UDP
- UDPs
- UnnamedRelationshipEnd,UserDefined
- ValidValuesList
- View
- ViewColumn

### Input files

erwin Data Modeler File catalog source extracts model metadata from XML and erwin files saved with the use of the erwin Data Modeler tool. Ensure that the input files are located on the Secure Agent machine. Use erwin input files when the Secure Agent is installed on a Windows machine and the erwin Data Modeler File tool is installed on the Secure Agent. Use XML input files with the Secure Agent installed on Linux machines.



## CHAPTER 2

# Before you begin

Before you create a catalog source, ensure that you have the information required to connect to the source system.

Perform the following tasks:

- Install a Secure Agent on the Windows machine where you installed the erwin Data Modeler File software. Ensure the license is validated. For more information about Secure Agent installation, see *Runtime Environments in Administrator*.
- Get the erwin Data Modeler File source information.
- Ensure you have access to the erwin Data Modeler File software when you install Secure Agent.

**Note:** You don't need to create a connection object for erwin Data Modeler File. You provide this information when you configure the catalog source.

## CHAPTER 3

# Create catalog sources in Metadata Command Center

Use Metadata Command Center to configure a catalog source for erwin Data Modeler and run the catalog source job.

When you configure a catalog source, you define the source system that you want to extract metadata from.

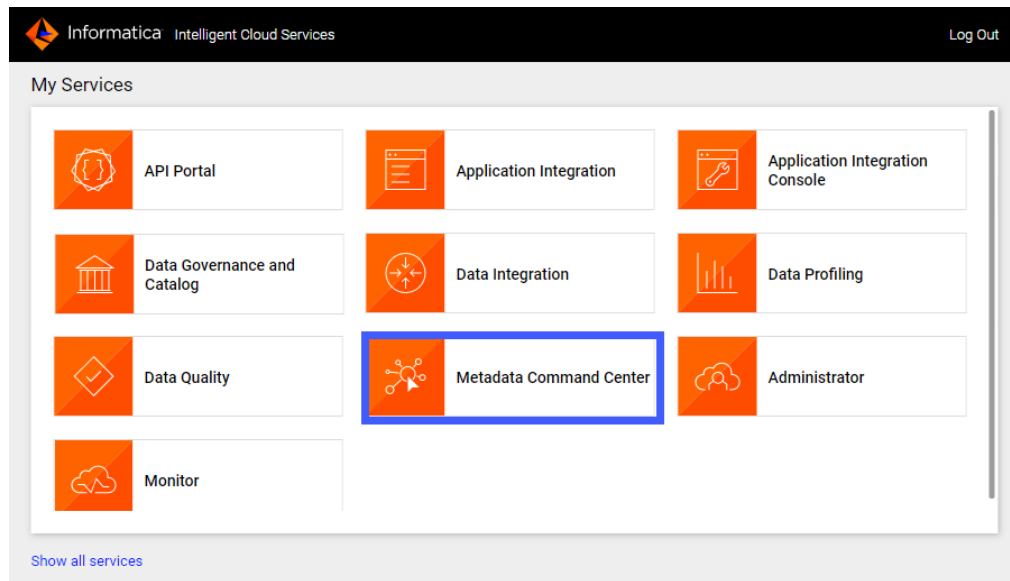
To provide stakeholders access to technical assets, you can assign access through roles. To view relationships for any system that the source system references, create a catalog source and a connection associated with the referenced source system after you run the job.

## Step 1. Register a catalog source

When you register a catalog source, provide general information and connection values.

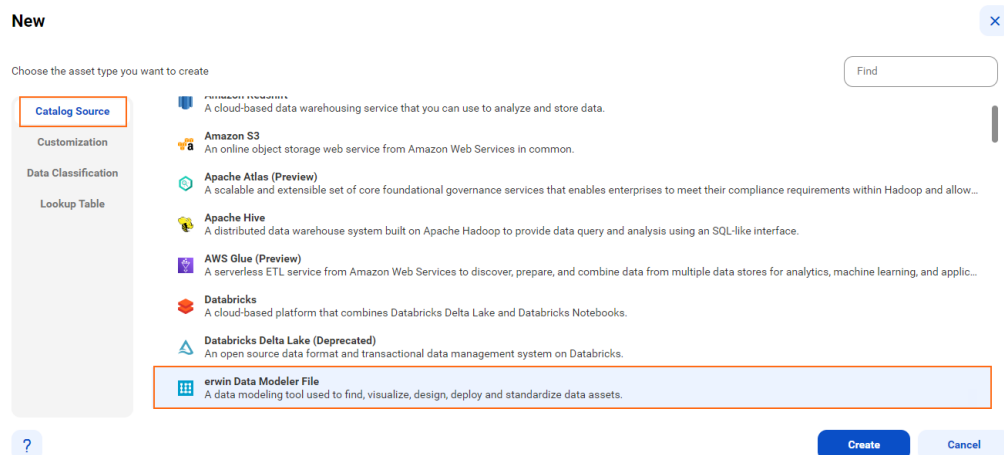
1. Log in to Informatica Intelligent Cloud Services.  
The **My Services** page appears.
2. Click **Metadata Command Center**.

The following image shows the Metadata Command Center box on the **My Services** page:



The Metadata Command Center home page appears.

3. Click **New**.
4. Select **Catalog Source** from the list of asset types.
5. Select erwin Data Modeler File from the list of catalog source types.



6. Click **Create**.

The **New Catalog Source** page opens.

7. In the **General Information** section, enter a name and an optional description for the catalog source.

**Note:** You can rename a catalog source after you create it, but to apply the change to all associated objects you must rerun the metadata extraction job.

After you save the catalog source, you can update the description in Metadata Command Center and Data Governance and Catalog. The update appears only in the service in which you update it.

8. In the **Connection Information** panel, enter an absolute path to an erwin or XML input file.  
Use the XML file path on Windows and Linux machines. Use the erwin path on Windows machines only.
9. Click **Next**.

The **Configuration** page appears.

## Step 2. Configure capabilities

When you configure the erwin Data Modeler File catalog source, you define the settings for the metadata extraction capability.

The metadata extraction capability extracts source metadata from external source systems.

You can save the catalog source configuration at any point after you enter the connection information. After you save the catalog source, you can choose to run the catalog source job. To run the job once, click **Run**. To run metadata extraction and other capabilities on a recurring schedule, configure schedules on the **Schedule** tab.

### Configure metadata extraction

When you configure the erwin Data Modeler File catalog source, you choose a runtime environment and enter configuration parameters for metadata extraction.

Before you configure metadata extraction, install the Secure Agent on the same Windows machine where you installed the erwin Data Modeler File software.

1. In the **Connection and Runtime** area, choose a serverless runtime environment or the Secure Agent group where you want to run catalog source jobs.

**Note:** Serverless runtime environment options are available if the catalog source works with a serverless runtime environment.

2. Choose to retain, delete, or deprecate objects that are deleted from the source system in the catalog with the **Metadata Change Option**.
  - **Retain.** Retains objects that are deleted from the source system in the catalog. If you update or add a filter, the catalog retains objects extracted from the previous job and extracts additional objects that match the current filter. Objects deleted from the source system are not deleted from the catalog. Enrichments added on deleted objects and relationships are retained.
  - **Delete.** Deletes metadata from the catalog based on objects deleted from the source system and changes you make to the filter. Enrichments added on deleted objects and relationships are also permanently lost. Objects renamed in the source system are removed and recreated in the catalog.
  - **Deprecate.** The lifecycle of objects imported into the catalog moves to Obsolete based on objects deleted from the source system and changes you make to the filter. This does not impact enrichments added on deprecated objects and relationships. Objects renamed in the source system are removed and recreated in the catalog. When you run the catalog source job again for other capabilities such as data classification, relationship discovery, or glossary association, the job doesn't consider obsolete objects. Obsolete objects remain in the catalog until they are purged when you run a **Purge Obsolete Objects** job on the **Explore** page.

**Note:** You can also change the configured metadata change option when you run a catalog source.

3. In the **Configuration Parameters** area, enter configuration parameters.

The following table describes the properties that you need to enter:

Property	Description
Import UDPs	Specify how to import property definitions and values. A user-defined property (UDP) is usually defined with a property definition object that has a default value.
Import Relationship Name	Specifies how to import relationship names from erwin Data Modeler. Choose one of the following options: <ul style="list-style-type: none"><li>- From relationship name</li><li>- From derived name</li></ul>
Import Column Order From	Specifies how to import the position of columns in tables. Choose one of the following options: <ul style="list-style-type: none"><li>- Physical order</li><li>- Column order</li></ul>
Import Owner Schemas	Determines whether to import owner schemas. Import owner schemas to preserve the original ownership information from the source database in the data analysis. Select 'True' to import owner schemas. Select 'False' if you don't want to import owner schemas.
Move Entities to Subject Areas	Select 'True' if you want subject areas to be used as conventional UML design packages with corresponding namespaces. If entities belong to a single subject area, they are placed in the corresponding package. Other entities are placed in the model. Select 'False' if you don't want to move the entities to the subject areas .
Miscellaneous Options	Enter a value for additional extraction runtime options. For example: <ul style="list-style-type: none"><li>- To allocate 4 GB of memory to the metadata extraction process, enter: <code>-java.memory 4G</code></li><li>- To clear the cache before metadata extraction, enter: <code>-cache.clear</code></li></ul>

4. Click **Next**.

The **Associations** page appears.

## Step 3. Associate stakeholders and asset groups

Associate users or user groups within a stakeholder role as stakeholders for technical assets in Data Governance and Catalog. Also, you can choose to assign technical assets extracted from the catalog source to asset groups. You can then use access policies to control permissions on assets that are assigned to asset groups.

Verify that the administrator assigned users and user groups to the stakeholder role that you want to associate with technical assets.

1. To associate users or user groups as stakeholders with technical assets extracted from the catalog source, perform the following steps:
  - a. On the **Associations** page, click **Stakeholders**.
  - b. Select **Assign Stakeholders**.
  - c. Select a stakeholder role.

- d. Click **Select** to add users and user groups from the stakeholder role as stakeholders for the technical assets.

The **Add Users & User Groups** dialog box displays a list of users and user groups assigned to the selected stakeholder role.

- e. Select one or more users or user groups to assign as stakeholders for the technical assets, and click **OK**.  
Only the selected users and user groups belonging to the specified stakeholder role are granted the permissions to technical assets.
- f. To assign users or user groups from another stakeholder role, click **Add** and then repeat the steps.

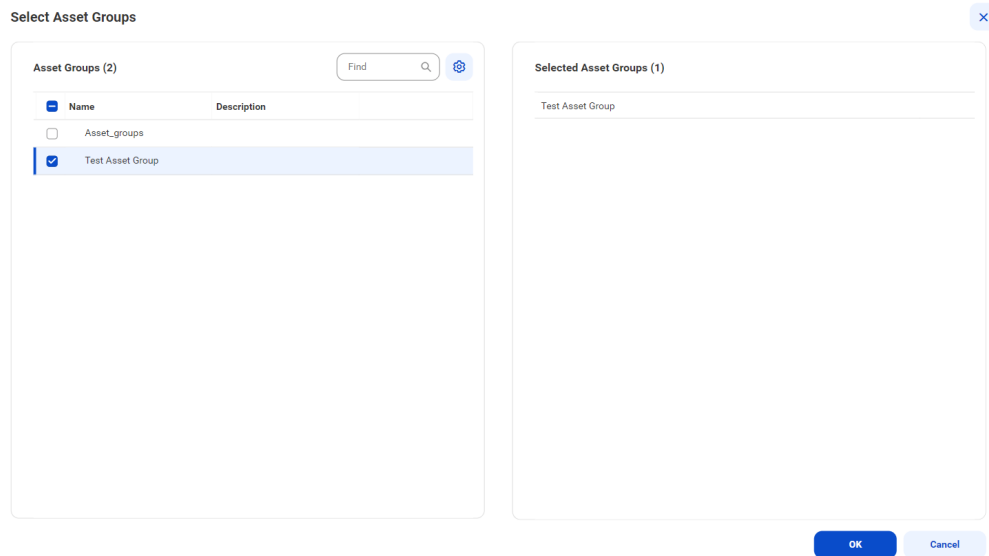
2. To assign asset groups to technical assets extracted from the catalog source, perform the following steps:

- a. On the **Associations** page, click **Asset Groups**.
- b. Select **Assign Asset Groups**.
- c. Click **Select**.

The **Select Asset Groups** dialog box displays the list of asset groups.

If you enabled an access policy that includes an asset group, you can only view assets that belong to that asset group.

3. Select the asset groups to which you want to assign technical assets extracted from the catalog source, and click **OK**.



4. Choose to save and run the job or to schedule a recurring job.
  - To save and run the job, click **Save** and then **Run**.
  - To schedule a recurring job, click **Next** to open the **Schedule** page.

## Step 4. Run or schedule the job

Choose to run a catalog source job manually, or configure it to run on schedule.

**Note:** You can't run multiple jobs simultaneously.

You can choose to perform a full or an incremental metadata extraction. A full metadata extraction extracts all objects from the source to the catalog. An incremental metadata extraction extracts only the changed and new objects since the last successful catalog source job run. Incremental metadata extraction doesn't remove deleted objects from the catalog and doesn't extract metadata of code-based objects if applicable.

When you run an incremental metadata extraction job with a filter to include metadata from objects, the job extracts only the objects that have the latest timestamp since the last successful job.

**Note:** The incremental extraction option appears if it is available for the catalog source.

### Run the job manually

Click **Save** to save the catalog source and click **Run**. On the **Run Catalog Source Job** window, click **Run** to run the job.

You can override the capabilities that you selected while configuring your catalog source on the **Configuration** page. The first time you run the catalog source job, the metadata extraction capability is mandatory. From the second run onwards, you can choose to override the configured metadata change option. You can retain, delete, or deprecate objects that are deleted from the source in the catalog. For subsequent runs of the catalog source job, the metadata extraction capability is optional.

**Note:** You can choose incremental metadata extraction for subsequent runs only after one full metadata extraction job completes successfully. Incremental metadata extraction jobs run with the **Retain** metadata change option even if you set the option to **Delete** or **Deprecate** in the catalog source.

**Note:** To run a catalog source job, you need permissions on the connection to the source system. To run a catalog source job for catalog sources that reference other source systems, you need permissions on the connections for all the reference source systems.

### Run the job on a schedule

You can choose to run metadata extraction and other capabilities on a recurring schedule. You can't choose incremental metadata extraction and full metadata extraction in the same schedule. To create a schedule for incremental metadata extraction, you must have completed at least one full metadata extraction job successfully. If not, first create a schedule for a full metadata extraction.

If an incremental metadata extraction is scheduled to run when the last run details aren't available, the job first performs a full metadata extraction, followed by incremental metadata extraction on subsequent runs.

For example, this can happen in the following scenarios:

- You create schedules for both incremental metadata extraction and full metadata extraction, but schedule the incremental extraction to run before the first full metadata extraction job.
- You create schedules for both incremental metadata extraction and full metadata extraction, but delete the full metadata extraction schedule before its first run.

1. On the **Schedule** tab, select **Run on Schedule**.  
The **Schedule** configuration page opens.
2. Click the checkbox corresponding to each capability that you want to include in the schedule.
3. Enter the start date, time zone, and the interval at which you want to run the job.
4. You can manage additional schedules using the following options:
  - To create a new schedule, click the **Add** button.
  - To delete a schedule, click the **Delete** button.
  - To enable or disable a schedule, click the **Enable Schedule** toggle button.

**Note:** You can create a maximum of one schedule per capability that you enable. If you purged a catalog source or did not run the metadata extraction job, the catalog source job runs metadata extraction before running other scheduled capabilities.

**Note:** To create a schedule, you need permissions on the connection to the source system. If you lose permissions on the connection after you create a schedule, the scheduled jobs continue to run.

5. Click **Save** to save the schedule.

### Monitor job status

After the job runs, you can monitor the status of the job on the **Overview** page of the job.

For more information about job monitoring, see *Administration*.

## Step 5. Assign reference catalog source connections to endpoint catalog source objects

If the source system references another source system, perform connection assignment in Metadata Command Center to view relationships with actual source objects. To perform a connection assignment, create a connection for the source in Informatica Intelligent Cloud Services Administrator, and then create



endpoint catalog sources using the connections. A referenced source system might be a relational database, such as Oracle.

Before you can connect to a referenced source system, create a connection to the referenced source system in Administrator.

You can't create a connection assignment based on a File System when you extract report metadata from an erwin Data Modeler File source system.

1. On the **Configure** page, select the **Lineage** tab, and then select the **Lineage Discovery** tab. On the **Catalog Sources** panel, select the required catalog source and click the **Assign Connections** tab.

The **Assign Connections** tab displays a list of assigned and unassigned connections along with details for each connection. Use filters to view the connections based on the connection names. Click the **Add Filter** menu to add filters.

2. Select the connection to the reference source system and click **Assign**.

The connection name appears prefixed to the reference catalog source name on the **Hierarchy** tab of your catalog source in Data Governance and Catalog.

The **Assign Connection** dialog box appears with a list of recommended objects from the endpoint catalog sources. Click **All** to view all endpoint catalog source objects.

3. In the **Assign Connection** dialog box, select one or more catalog sources to assign to the selected connection and click **Assign**.

You can filter the list of catalog sources by name, type, or endpoint.

You can create a connection assignment to Oracle catalog sources. The catalog sources must belong to the **Schema** class type.

When you click **Assign**, Metadata Command Center creates links between matching objects in the connected catalog sources, and it calculates the percentage of matched and unmatched objects. The higher the percentage of matched objects, the more accurate the relationships with database assets that you view in Data Governance and Catalog.

## CHAPTER 4

# View results in Data Governance and Catalog

After Metadata Command Center runs a job, you can view the results in Data Governance and Catalog where the catalog source and its elements are called technical assets. You can view the catalog source and the included technical assets in a hierarchical structure.

When referenced source systems are connected to a catalog source, you can expand the hierarchy to see details about the technical asset's component elements.

You can view the relationship information of an asset in a catalog source to see individual elements such as data sources, calculations, and filters. When you view the relationship information of an asset, you can see how the assets relate to one another.

## View metadata extraction results

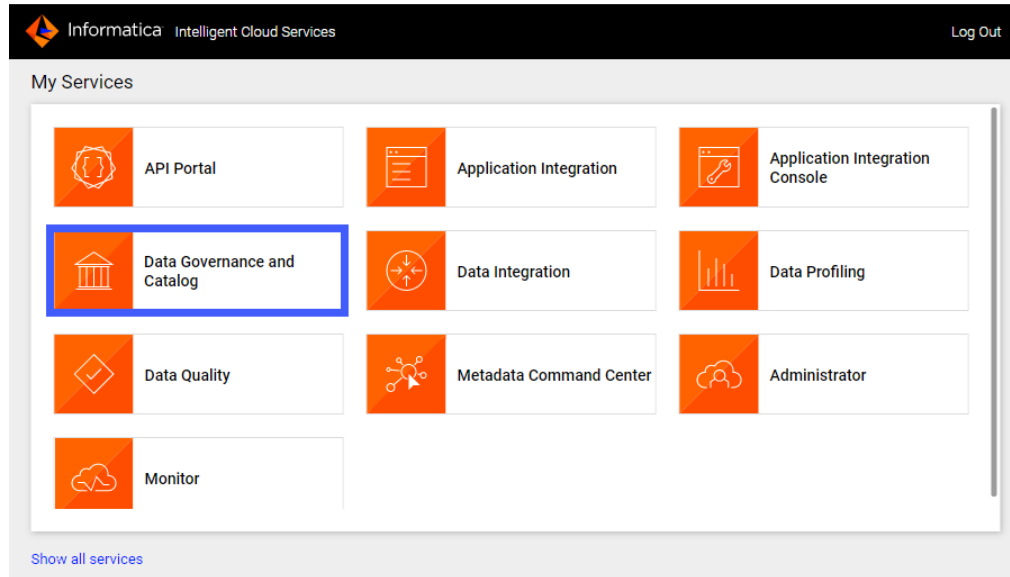
After a job runs in Metadata Command Center, view the results in Data Governance and Catalog. You can view details about source system contents as hierarchical displays and view relationships with database assets.

1. Log in to Informatica Intelligent Cloud Services.

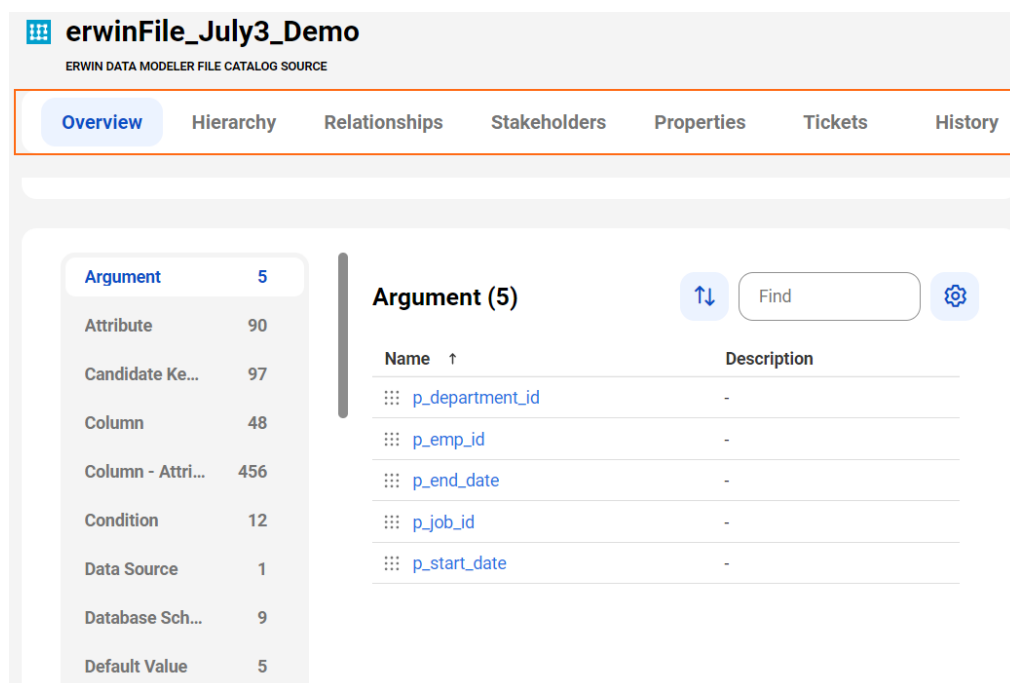
The **My Services** page appears.

2. Click Data Governance and Catalog.

The following image shows the Data Governance and Catalog box on the **My Services** page:



3. On the Data Governance and Catalog home page, click the number in the **Technical Assets** panel. The **Technical Assets** page opens.
4. Select **Catalog Source** in the **Filter** list. The list of catalog sources opens.
5. Search for the catalog source from which you extracted metadata, and click the name. The **Overview** tab of the asset opens. The following image shows a sample asset page:



6. View the asset from different perspectives by clicking on the tabs.

For more information about working with assets, see "Working with Assets" in *Cloud Data Governance and Catalog* online help.

## View relationships

Relationship views are available for technical assets in the catalog source. You can connect assets to each other using different types of relationships.

A relationship between assets shows how the assets relate to one another. When data from a source system is ingested into the catalog, Data Governance and Catalog can automatically create relationships among the technical assets of that source system.

For more information about viewing relationships, see *Relationships* in the Data Governance and Catalog help.

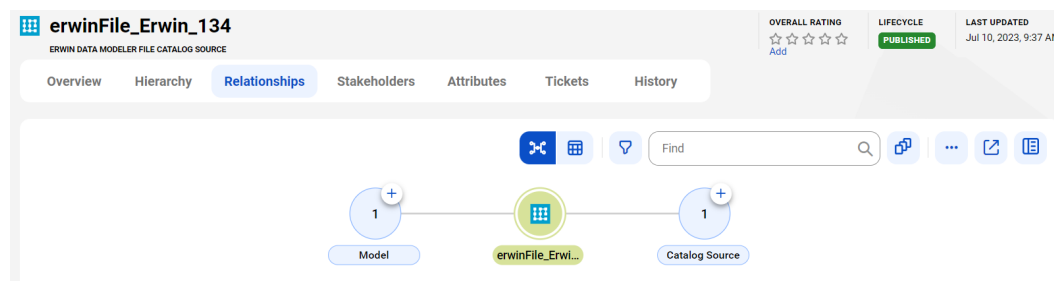
### View relationships at catalog source level

The **Relationships** tab of an asset page displays the relationships between the selected asset and other business and technical assets in Data Governance and Catalog.

The erwin Data Modeler File catalog source reads metadata from the input data model and creates reference assets in the model. You can view the relationship with reference objects without performing connection assignment. After connection assignment, you can view the relationship between the actual objects extracted by the erwin Data Modeler File catalog source.

To view relationships at the catalog source level, search for and open an erwin Data Modeler File catalog source, click the **Relationships** tab and expand the catalog source.

The following image shows the relationship between the erwinFile\_Erwin\_134 catalog source and the erwin Data Modeler File reference catalog source:



### View relationships at data set level and data element level

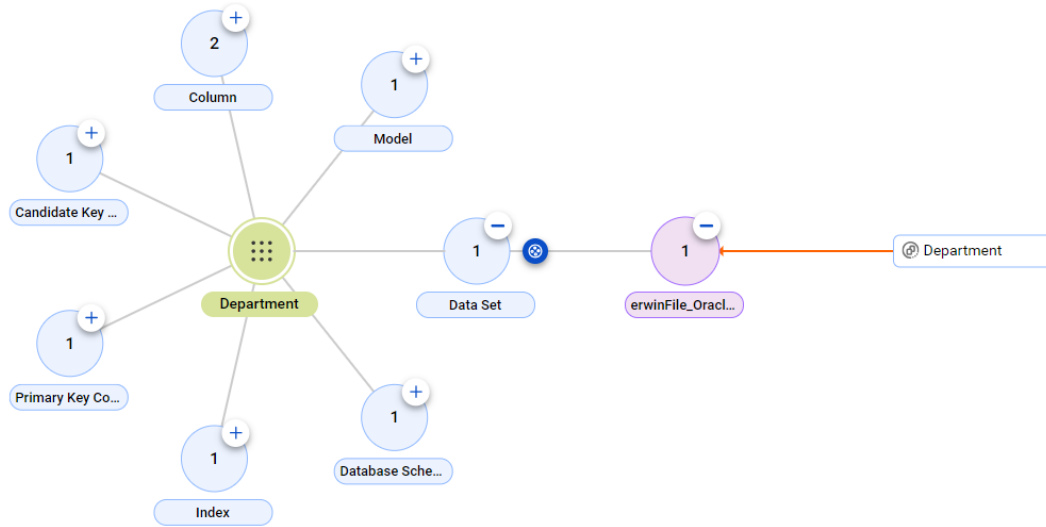
The relationships at the data set level and the data element level show how technical assets such as tables and columns are related to the selected asset.

Data sets are technical assets that contain sets of data. For example, a table in a source object. Data elements are objects upstream or downstream of a data set. For example, a column in a source object.

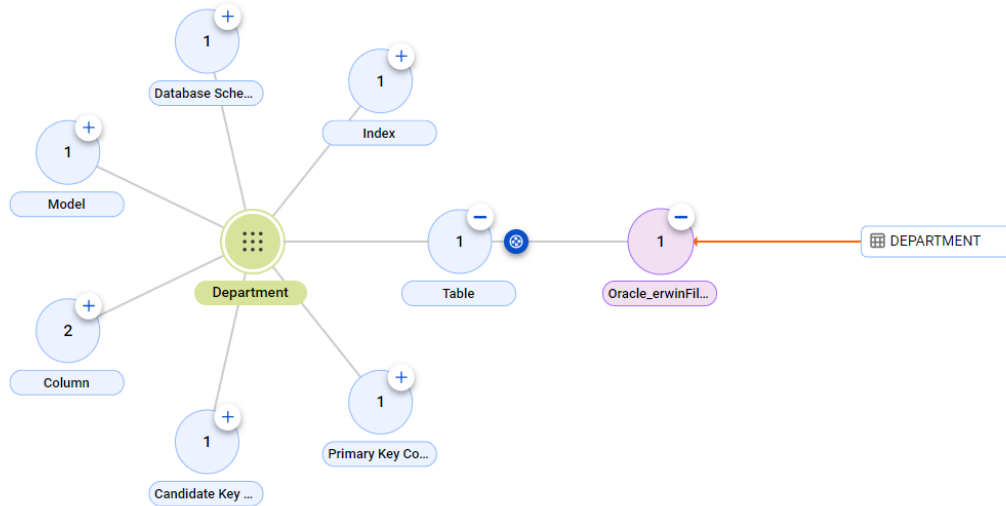
#### View relationships at the data set level

The relationships at the data set level show how the technical assets such as tables are related to the selected asset. To view relationships at the data set level, open a technical asset such as a table, click the **Relationships** tab, and then expand the data set.

The following image shows the table-to-table relationship between the erwin Data Modeler File Department asset and the referenced Department data set before the connection assignment:



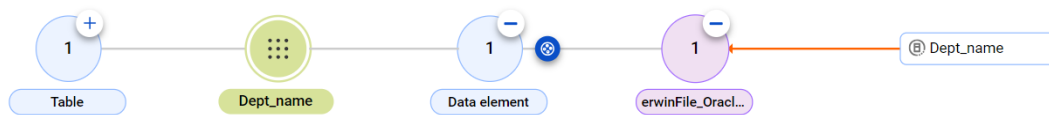
The following image shows the table-to-table relationship between the erwin Data Modeler File Department asset and the Oracle table after connection assignment:



## View relationships at the data element level

The data element level displays details of the data set level. The relationships at the data element level show how the technical assets such as columns are related to the selected asset. To view relationships at the data element level, open a technical asset, click the **Relationships** tab, and then expand the data element.

The following image shows a table to column relationship between the erwin Data Modeler File Dept\_name asset and the referenced Dept\_name data element before connection assignment:



The following image shows a table to column relationship between the erwin Data Modeler File Dept\_name asset and the DEPT\_NAME column after connection assignment:

