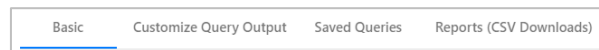
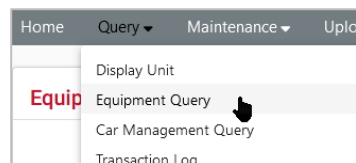


Railinc's Umler system provides a way for users to generate reports with specific equipment data attributes. Anyone with "Umler Access for Query" permissions may perform or save queries. To download query results as CSV (Excel) files, the user must also have "Umler Advanced Query Access" permissions. See Additional Resources at the bottom for more information.

Use this procedure to run an equipment query:

1. Sign in to Launch Pad and navigate to **Umler**.
2. From the Umler menu bar, select **Query > Equipment Query**.
3. On the **Basic** tab of the Equipment Query screen, enter and/or select one or more search criteria. Take these restrictions and requirements into account for defining a basic query:
 - In the **Equipment ID(s)** text box, enter specific values separated by spaces or commas, or enter a range of values separated by a hyphen, or enter a combination of both space/comma-separated values and ranges (e.g., RAIL401, RAIL404, RAIL500-RAIL599).
 - Use **Confidential Element Search** and **Element Value Criteria** sections to narrow your results based on specific data values. Begin entering the name of an element/qualifier, and the drop-down list narrows to match your search.
 - Choosing the **Browser** format limits results to 1000 rows. Choosing the **CSV** download has no row limit and no charge. Any search that takes more than 1 minute to run will run in the background. When search results are ready to view in **Reports** (top right), you will receive an email.
 - Click **Count** to return the number of results without actually displaying or downloading them.
 - Click **Search** to run the query and display the results based on your format selection at the bottom of the page.
4. Use the **Customize Query Output** tab to specify the **Attributes** that you want to see in the results. When selecting attributes, take these guidelines into account:
 - To filter on Available and Selected Attributes, begin entering the name of an attribute in the field above, and the list narrows to match your search.
 - Confidential data elements increase search time as Umler checks user security, which can cause your query to time out.



In what format would you like your results?

Browser Maximum Number of Results (Browser Output Only) 1000

Basic	Customize Query Output	Saved Queries	Reports (CSV Downloads)
Available Attributes		Selected Attributes	
Filter attributes...		Filter attributes...	
13 CP Due Date - DU42		Equipment Id - 0001	

Additional Resources

The following additional resources are available:

- Consult the [Umler Data Specification Manual](#) for information data field definitions and business rules.
- Consult the [Single Sign On \(SSO\) Administrator Guide](#) for information on how company administrators manage user's permissions in SSO.
- Consult the [Umler Managing Access Rights Quick Guide](#) for information on how company administrators manage user's access rights.
- Access the [Umler Reference Materials](#) to access other essential resources for using the Umler system.

Contact the Railinc Customer Success Center at 1-877-RAILINC (1-877-724-5462) or csc@railinc.com if you need assistance.

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