

Loading

The load settings on the datamodel allow you to set all detailed options on the Celonis Engine loads.

The screenshot displays the 'Load settings' interface for the Celonis Engine. It is divided into four numbered sections, each with a title, descriptive text, and a 'Save' button.

- 1. Cache retention:** A section with a 'Save retention' button. It contains a text input field labeled 'Retention time in minutes' with the value '60'. The text below the input states: 'You can configure how long entries should be kept in the hot-cache when they are not use. Higher usually means better performance but higher memory usage. A default value is 60 minutes. Note that you have to reload the data model for the setting to become active.'
- 2. Load scheduling:** A section with a 'Save schedule' button. It contains a checkbox labeled 'Activate automatic re-loading' which is currently unchecked.
- 3. Enable precaching:** A section with a 'Save changes' button. It contains a checkbox labeled 'Enable data model precaching' which is currently checked. The text below the checkbox states: 'By enable precaching, long running operators whose execution time exceeds two seconds, will be precached while loading the actual data model. Note that you have to reload the data model for the setting to become active.'
- 4. Load column:** A section with an 'Optimize load of table' button. It contains a text input field with the placeholder text 'Optimized load' and a note: 'Optimized load' allows you to speed up the load of data model significantly.

1. The cache retention defines how long the results are kept in hot-cache when they are not used.
2. Load scheduling allows you to define continuous engine reloads. You can choose preset time intervals for the reloads, create a custom CRON job or trigger the reload from a database table.
3. The Celonis Engine smartly tracks long running operators and uses them to restore the cache during a data model reload. This is called precaching. You can deactivate precaching to save resources.
4. Load column allows you to exclude columns in the datatables. Those columns will not be loaded to the Celonis Engine. This can significantly reduce load times.