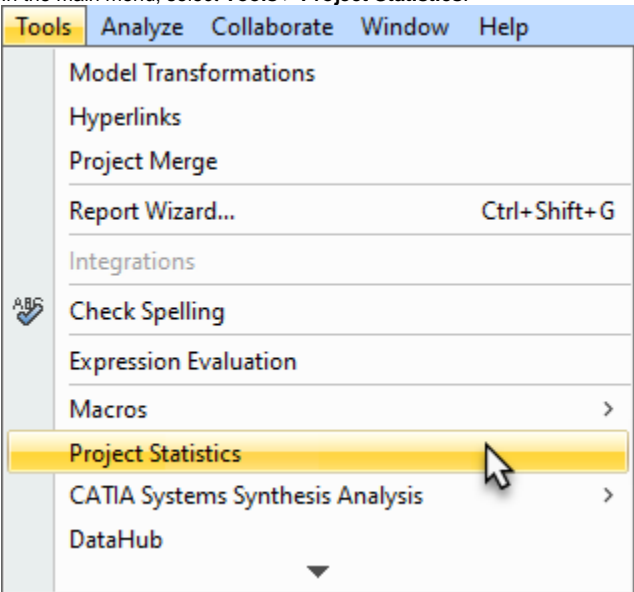# Project Statistics

Detailed project statistics

The project statistics feature calculates detailed statistics for the entire project and exports the results to a separate file. The exported statistical report will help us solve performance problems you may be experiencing. Project statistics are calculated in the main project and, if selected, in used projects.
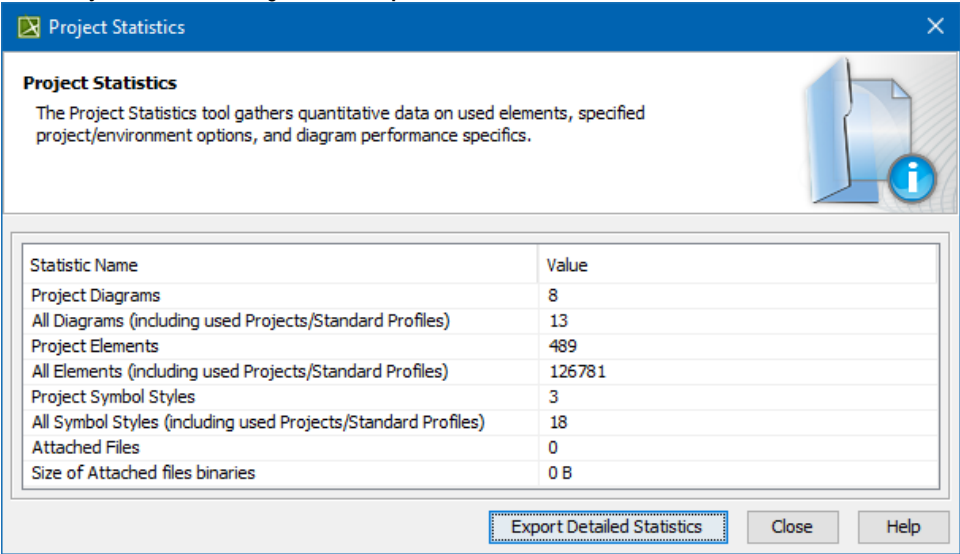
> ⚠ **Confidential Information**
>
> The exported file contains the names of the main project, used projects (if selected), and used elements. If they are confidential, you should select **Confidential** to keep their names hidden.

To export detailed statistics

1. In the main menu, select **Tools** > **Project Statistics**.

2. In the **Project Statistics** dialog, click the **Export Detailed Statistics** button.

3. Select data to export along with the OS and hardware, diagrams/elements by types, and project options statistics that are included by default.

4. Specify other export options:
    - Select **Include Used Project Statistics** to generate and export used project statistics as well.
    - Select **Confidential** to keep the project element names hidden in the exported statistics report.
5. Click **Export**.
6. When the statistics file is generated, click **Close**.

The generated detailed project statistics file includes the following quantitative data:

Diagrams

- Diagram dimensions
- Diagram count by type
- Diagram count by kind
- Symbol count by diagram

Elements

- Element count by UML type
- Element count by DSL type
- Derived properties count
- Property count by size
- Elements used for CDH mapping count
- Elements used for transformation mapping count
- Longest flat list count (longest flat list of elements under one element's root, such as under a package or a classifier)
- Smart package count
- Number of stereotype applications by stereotype name
- Number of stereotype tagged values by defining feature name and tagged value size
- Number of strings in the model by size and metaProperty
- Number of multi-references by size and metaProperty
- Number of profiling elements (stereotype instance, slots, and value specifications)

Project/Environment options

- Active/passive validation options
- Number of active validation rules by implementation language
- Number of code engineering options by language
- Symbol styles count
- Symbol styles properties count

Hardware & system

- Hardware (RAM, OS, disks size and type) and Java info (heap)
- Restricted dir size

Teamwork Cloud projects

- Teamwork Cloud project local cache size on disk
- Teamwork Cloud project local cache size in a binary blob
- Teamwork Cloud project local cache latest blob size

- Teamwork Cloud project local cache blob size by revision
- Teamwork Cloud project local cache blob count by revision
- Teamwork Cloud project history depth
- Locked elements count
- Used projects count
- Root object count by type

Performance

- Time to build diagrams