Improving performance

When working with very large models or a number of diagrams at a time, the modeling tool performance may decrease. To increase efficiency, we suggest the following solutions:

- Increase memory allocation value (java heap size). If you want to make sure you have a sufficient amount of memory allocated to your modeling tool, use the memory monitor to track memory usage.
- Increase an active validation period and/or do not keep unused diagrams open.
- Split a project into several separate project files, and load only the files that you work with. This may help only if your project contains several parts with minimal dependencies between them. For more information, see Project partitioning.
- Use Garbage Collector to free unused memory.
- Cancel the background tasks that run too long.
- Set the limit of open diagrams in the **Environment Options** dialog (**Options** > **Environment** > **General** > **General** > **Diagram Tabs Limit**).

Related pages

- MagicDraw getting started
- Customizing environment options
- Customizing and Selecting Perspective
- Configuration files
- Disabling inbound network activity
- Support