

# Java APIs

Through Java APIs, a simulation execution starts when the specific element is executed. You can [start the execution](#), [stop the execution](#), and [create and register a new Simulation Execution Listener](#) using Java APIs. Regarding the core component of the entire execution mechanism, the [execution engine](#) defines how to execute a set of Element types. [fUML Helper](#) is also available as a Class that provides Helper methods related to the fUML structures. The Parametric engine also provides Java APIs for a parametric execution with a runtime object of a Classifier.



## Information

For more information about Magic Model Analyst JavaDoc files, visit <http://jdocs.nomagic.com/2022x/CST>.

## Related pages

- [Execution](#)
- [Engine](#)
- [fUML Helper](#)
- [Parametric Helper as executing parametric simulation from an Activity](#)