

# Behavioral model back-end translator

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## **Abstract**

A major advantage of model driven development is that the “code” (*i. e.*, the models) are abstract enough to easily introduce well established formal verification procedures without much preprocessing. This project will enable model checking on the given behavioral models.

In this project, we will build a translator for the given behavioral description in CADENA-e into the input syntax of a well known model-checking tool. Infrastructure to automatically run the model checker is required, editing support or backwards translation would be a bonus.