

Gamma Statechart Simulator User's Guide

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Chapter 1. Plugin Setup

1.1. Required plugins

This simulator needs [Gamma](#) to function, please follow their setup guide!

This plugin uses [Gamma](#) to function, please follow their setup guide!

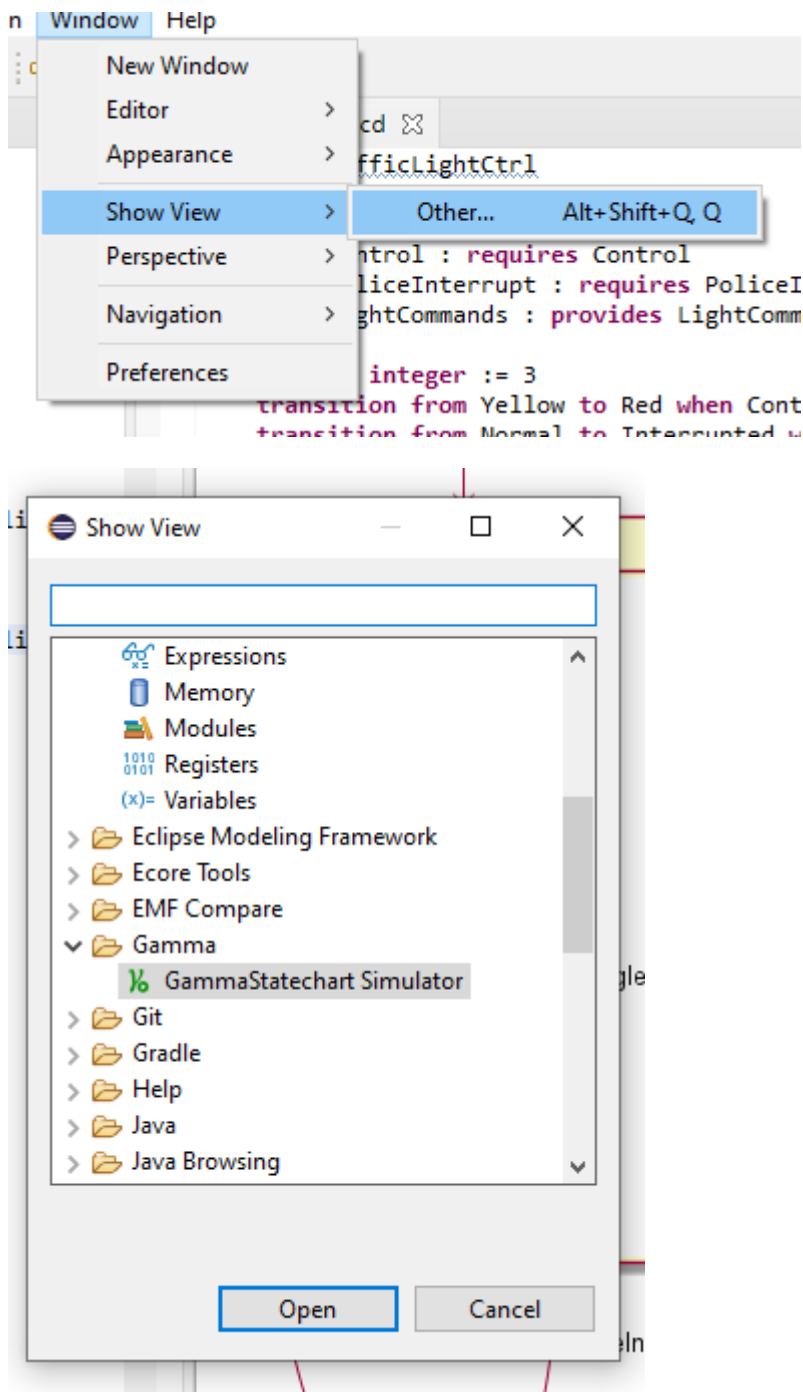
This includes: * Gamma * Eclipse * Yakindu (you may need a license) * Viatra * EMF * Xtext * Xtend

1.1.1. Gamma Simulator Model

You have to include the [Gamma Simulator Model](#) as a plugin.

Chapter 2. UI overview

The show the simulator, you have to open it's view.



2.1. Overview

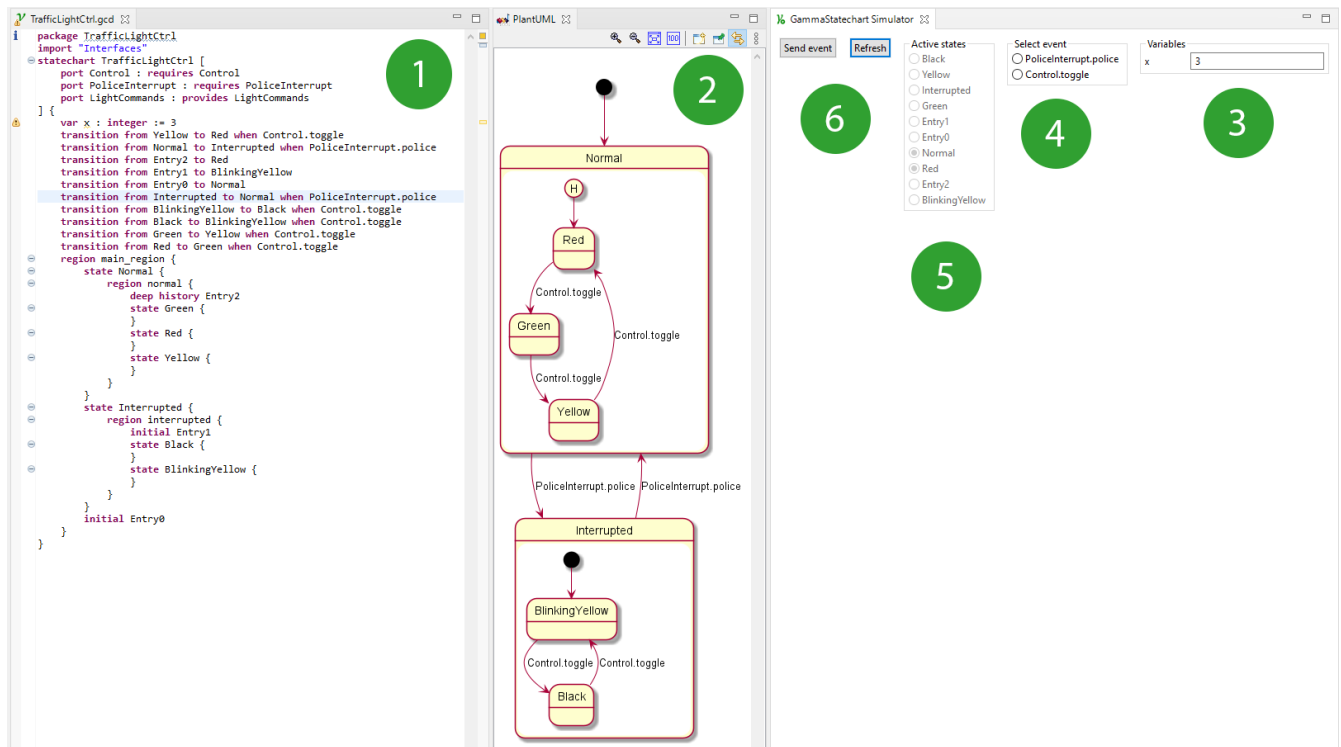


Figure 1. Simulator UI overview

1. Gamma statechart code
2. Gamma statechart viewed in PlantUML
3. Available variables
4. Available events
5. Current active state(s)
6. Controls

2.1.1. Variables

Variables can be viewed and edited during runtime. To edit, simply write into the textbox.

2.1.2. Event

Shows a list of all input events of the statechart.

2.1.3. Active state(s)

The currently active states

2.1.4. Controls

- Refresh: reloads the simulator with the currently open gcd model
- Send: sends the selected event to the statechart