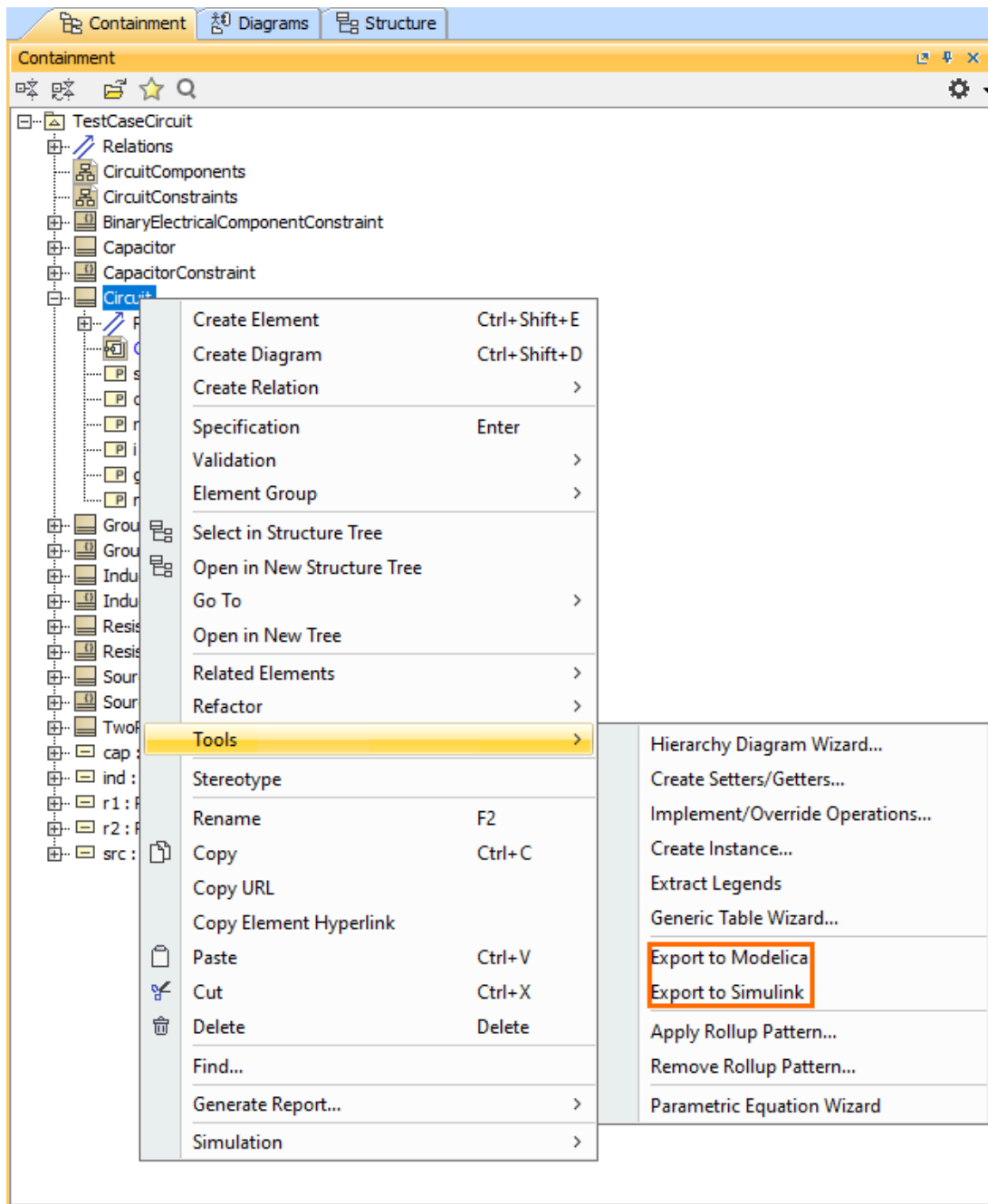# Generating a simulation file

To generate a simulation file, right-click the *Block* corresponding the system being simulated (see the image below). The shortcut menu displays the menu item **Tools** that contains **Export to Modelica** and **Export to Simulink**.

To export to Modelica and Simulink

1. Depending on the selected option (either **Export to Modelica** or **Export to Simulink**), do one of the following:
   - Set the desired file name and file location (see the first image below).
   - Select options such as format, output directory, S-Function or Simscape, and Simscape port libraries (see the second image below).
2. Click **Save/OK**.

Save

Save in: Projects

Recent Items

Desktop

Documents

This PC

Network

File name: Electric_Circuit

Files of type: Modelica Data Type (*.mo)

[Save] [Cancel]

Simulink Export Options

Options

Format:	○ Text (.mdl)	● XML (.sdl)	
S-Function or Simscape:	● Simscape	○ S-Function version 1	○ S-Function version 2
Simscape port libraries:	● Create new port types	○ Reuse existing port types	

Output directory

C:\Users\magicdraw\Documents\Resistor.slx

[OK] [Cancel] [Reset Options]