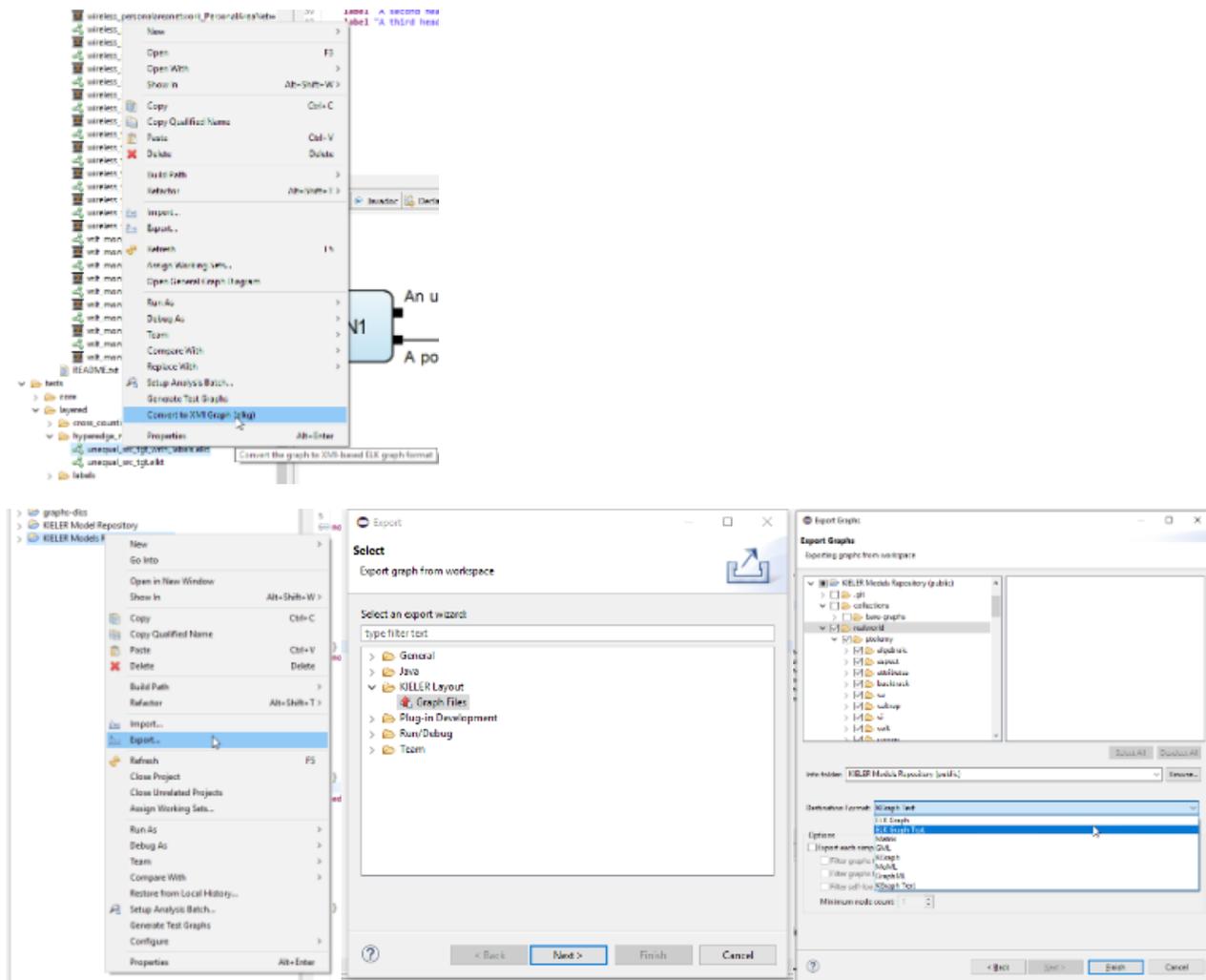


Graph Formats Service

Graphs can be specified in many different formats, and the plugins below allow to convert one format to another. Internally, they all use the [ELK Graph](#) as intermediate representation. The formats service is also used by [GrAna](#) to perform analyses on graph types other than the ELK Graph.

Within Eclipse, a format conversion can either be triggered through the context menu or through the export wizard as shown in the following screenshots.



Plugins

- `de.cau.cs.kieler.formats`
Core functionality and extension point definition to be used by other plugins to provide a new format. The plugin also registers support for the ELK Graph itself.
- `de.cau.cs.kieler.formats.dot`
Graphviz's [dot format](#).
- `de.cau.cs.kieler.formats.gml`
The [Graph Modeling Language](#).
- `de.cau.cs.kieler.formats.graphml`
The [Graph Markup Language](#).
- `de.cau.cs.kieler.formats.json`
[JSON graph](#) format as defined by ELK.
- `de.cau.cs.kieler.formats.kgraph`
Support for the old [KGraph](#), now also known as [KlighdGraph](#).
- `de.cau.cs.kieler.formats.ogml`
OGDF's [Open Graph Markup Language](#).
- `de.cau.cs.kieler.formats.svg`
Simple SVG rendering.
- `de.cau.cs.kieler.export`
Allows to perform graph format conversion within an Eclipse instance and for larger sets of graphs at once.