

Mynts Reader Quickstart Guide

Opening Files

Mynts Reader can open geometry and scenario files, both in netlist or json format (*.geom, *.geom.json, *.scen, *.scen.json). The only requirement is that these files must exist in a valid Mynts Workspace Structure. An example Workspace is included.

There are three options to open a geometry or scenario file:

- Use the file selector via *File → Open Geom or Scen (Ctrl+O)*
- Use *drag & drop* from a file explorer into Mynts Reader
- Right-Click on a geometry or scenario file in Windows Explorer and select *Open With*. Here you can also create a file association, which allows you to directly double-click on the file to open it in Mynts Reader.

Plot Navigation and Configuration

After a file has been loaded, the network is visualized in the main plot. The plot is fully interactive and can be navigated with the Mouse:

- Use the Mouse Wheel to zoom into or out of the cursor position.
- Hold the right mouse button and move to pan the plot area.
- Hold left mouse button and move: draw a rectangle to select elements or to zoom in. Toggle between these functions with the Shift Key (in Zoom mode, the cursor changes to a cross).
- Left-Click to select single elements. Ctrl+Left-Click to add elements to the active selection.

Double-click on the color scale to open the **Configure Draw** Window. Here you can modify many Plot Settings, including Colors, Size, Labels, etc.

Context-Menu Actions

Right-Click anywhere in the plot to open the context menu. The available actions depend on the current selection:

- **Save Plot:** lets you save an image of the currently visible plot area. Enter a resolution and select the desired format in the file selection dialog. Many different formats are supported, including PNG, JPEG, SVG and PDF.
- **View Properties:** opens the "Properties of" Dock Widget and lists all properties of the currently selected element. Updates automatically when the selected element changes.
- **Subnet Menu:** only available when a Subnet is selected.
 - Show: Opens the **Subnet Plot** in a new Window. The plot features the same navigation functions as the main plot.
 - Show Info: Opens a simple dialog with basic Subnet Information.
 - Edit Properties of: Lists some important elements of the Subnet. Same Effect as "View Properties".
 - Open Characteristics of: here you can open **Characteristics Plots** for compressors and drives.

Widgets

Many additional features are provided via Widgets. **Dock Widgets** are a special type of widget that can be docked onto any side of the main window, either by dragging them to an edge or pressing the “dock”-Button in the top-right corner of their title bar. Multiple Dock Widgets can be arranged next to each other or even stacked on top of each other. All available Dock Widgets are listed in the View Menu.

The available widgets and the features they provide are briefly described below:

- **Layers Editor:** select an arbitrary property in the bottom selector. The value of this property is used to categorize every element into a layer. Elements missing this property are categorized into a default “Uncategorized” layer. Layer visibility can be toggled individually.
- **Properties of:** lists all properties of the currently selected element in a table. Cell values can be selected and copied to the clipboard.
- **Search:** a powerful tool to find elements by various search conditions. The Name input can be toggled as Regular Expression, Value, Type and Prop inputs are Regular Expressions by default. The Value can be given as a conditional formula, e.g. “ $P@ELE < 10$ ”. Right-clicking on any result allows to *Zoom and Center* to that element in the main plot.
- **Element Categories:** allows you to save search queries with the “Add Cat” button in the Search widget. Element Categories can also be used as a filter in the **Element Table**.
- **Element Table:** accessible via buttons in Search and Categories widgets, or via menu entry *Info→Element Table*. Use to filter and export element information based on the last search query or stored categories.

Contact and Support

Please contact us if you need help or are interested in the full version of Mynts-G. We are also happy to hear about your feedback! Refer to the provided contact information below or in the **About MYNTS Dialog** accessible via the green button in the bottom right corner.

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