UseCase.0009 (1.0)

Usage of the Property Browser

Keywords: information, document specific, view, properties
Description

- The property browser can be used to access additional information for the active document.
- This use case explains the general structure of the property browser.
- By default the property browser window is located on the right side of the VirtualLab main window.
- Its window is moveable and can be adapted for your needs.
- The property browser will be discussed on the example for 2D data arrays.
Property Browser of the Data Array

- The property browser can be used to access document specific information of the active VirtualLab document.
- Each document type has different entries within the property browser.
- The general structure of the setup of the property browser is always the same.
Property Browser – General Setup

- On the top of the property browser window the main categories can be accessed.
- The following categories are typical available for a document
  - View
  - Object
  - Selections
Property Browser – General Setup

- In the middle of the document a list of properties is given.
- Some properties are read-only (marked by gray coloring) others can be edited.
- The properties are organized in sub-categories for a user-friendly usage.
Property Browser – General Setup

- At the bottom of the property browser an additional description is displayed.
- Depending on the currently selected entry within the property browser, VirtualLab shows here some additional description of the parameter.
Property Browser – View Tab

- The view tab of the property browser can be used to set up view parameters.
- Typical view parameters are
  - Window size
  - Color options
  - Font sizes
  - Show selection marker
  - Formatting of x and y axis (at least for 2D data arrays)
Property Browser – Object Tab

- The object tab gives an overview of the important parameters of the active document.
- For data arrays you can get here information about
  - Dimensions (array size, number of subsets, …)
  - Interpretation (subset & coordinate meaning, …)
  - Sampling (equidistant, sampling distance, number of points)
On the selections tab the user can specify the visibility of the selections tools as well as the active selection to use.

For each selection tool information on the selection are given.

The user can also enter coordinates to set up the parameters of the selection (e.g. the position of the point marker).
Summary

- The property browser concept allows the user to access additional information dependent on the currently selected (active) document.
- Typically it is structured in a standardized way to access
  - View settings
  - Object information
  - Selection specification
- The property browser can be used to view and also to modify settings or properties of the active document. (Typically there are also ribbon items that allow these configurations.)