

Getting Started with the NETRONIC Visual Scheduling Widget SE

1 Delivery

The delivery consists of the NETRONIC Visual Scheduling Widget Standard Edition (VSW for short) and the source code for a sample application in two flavors (classic and ESM) to show the basic functionality of the widget:

Folder/File	Content
GettingStarted.pdf	This document
LicenseKey.js	A JavaScript file containing the license key valid for the Visual Scheduling Widget. You must fill in your license key here, when you want to use the SampleApp or the tutorials. This file is referenced by the files named index.html in the folders SampleApp, SampleApp-esm and by the tutorial HTML files in the folder Tutorials.
Docs/	Folder containing documentation
IntegrationGuide.pdf	Step-by-step instructions on how to integrate VSW into your own application.
ResourcePlanningModel.pdf	Description of the resource planning model on which the VSW is based.
VSW_SE_FDD.pdf	Function definition document, describes the functionality of VSW
VSW_SE_IDD.pdf	Interface definition document, describes the interface (options, methods and callbacks) of VSW.
SampleApp/	Folder containing source code of the sample application with classic approach that shows the most relevant features (runnable from the file system)
Images/	Folder with image files needed by the sample application.
index.html	Open this HTML file using your web browser to start the sample application.
SampleApp.js	Source code of the sample application where the license for the VSW is set.

SampleData1.js	Main sample data.
SampleData2.js	Sample data presenting specific features.
PDFOptionsDialog.js	Sample dialog for PDF options.
EditResourceDialog.js	Dialog for editing a resource at minimum.
VSWidget/	Folder containing all UMD libraries needed for running the widget
nwaf-apptools.min.js, nwaf-table.min.js, nwaf-gantt.min.js, nwaf-rab.min.js, nwaf-apptools.min.css, nwaf-table.min.css, nwaf-gantt.min.css, nwaf-rab.min.css	Library files.
vsw-se.d.ts	Type definitions for TypeScript applications.
SampleApp-esm/	Folder containing source code of the sample application with ESM approach that shows the most relevant features (runnable from a web server; cannot be started from the file system!)
images/ ...	Folder with image files needed by the sample application (not by the VSW!).
index.html	Open this HTML file using your web browser to start the sample application.
SampleApp.mjs	Source code of the sample application where the license for the VSW is set.
SampleData1.mjs	Main sample data.
SampleData2.mjs	Sample data presenting specific features.
PDFOptionsDialog.mjs	Sample dialog for PDF options.
EditResourceDialog.mjs	Dialog for editing a resource at minimum.
VSWidget-esm/ ...	Folder containing all ESM libraries needed for running the widget
nwaf-apptools.esm.min.mjs, nwaf-table.esm.min.mjs, nwaf-gantt.esm.min.mjs nwaf-rab.esm.min.mjs	Library files.
vsw-se.esm.d.ts	Type definitions for TypeScript applications.
SampleApp-esm-ts/	Folder containing source code of the sample application using TypeScript with ESM approach that shows the most relevant features (runnable from a web server; cannot be started from the file system!).
package.json	Node.js file defining all dependencies.
tsconfig.json	Configuration file for TypeScript compiler.
eslint.config.mjs	Configuration file for ESLint.
copy-src.mjs	Script for building the sample application.
src/	Sample application.
images/ ...	Folder with image files needed by the sample application (not by the VSW!).

index.html	Open this HTML file using your web browser to start the sample application.
LicenseKey.js	License key file (same license key as above).
SampleApp.ts	Source code of the sample application where the license for the VSW is set.
SampleData.ts	Additional definitions for sample data.
SampleData1.ts	Main sample data.
SampleData2.ts	Sample data presenting specific features.
PDFOptionsDialog.ts	Sample dialog for PDF options.
EditResourceDialog.ts	Dialog for editing a resource at minimum.
types/	Folder with additional type definitions.
d3-context-menu.d.ts	Type definition for 3 rd party library d3-context-menu.
Tutorials/ ...	Folder containing several HTML files that help to utilize the widget features by topic

2 Evaluation

First, you should open the index.html page in one of the SampleApp folders using your web browser. The sample will give you a first impression of the main features of VSW. A second data set can be loaded for showing some basic features in more detail.

Before integrating the VSW in an application of your own, it is helpful to consult the Integration Guide first.

The VSW needs a license key at instantiation time. A valid key for evaluation purposes is included in the file LicenseKey.js in the root folder. The sample applications provided are ready to run and use the same license key. Please see also the description of the Widget option **licenseKey** in the **VSW_SE_IDD.pdf** file of the **Docs** folder.