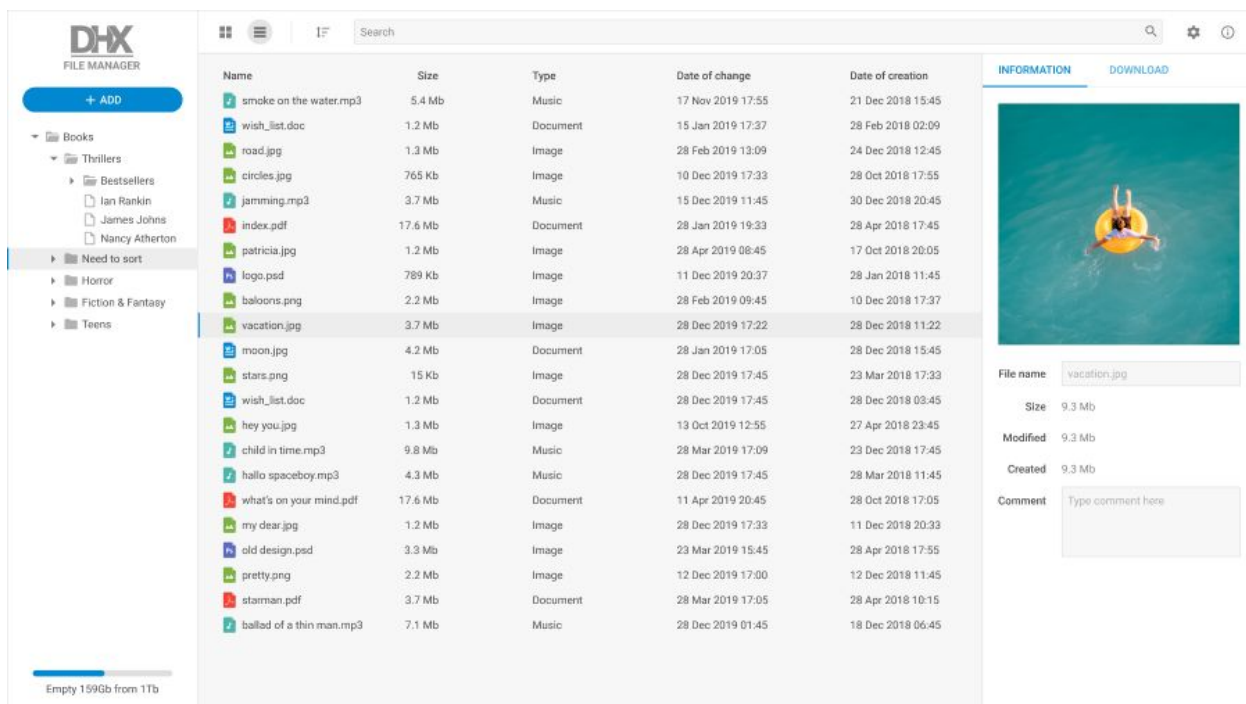


dhtmlxSuite 6.0 Rolled Out: Large-Scale Update of the JavaScript UI Library

Great news – Suite 6.0 is out! DHTMLX [JavaScript UI library](#) has received an extensive update and now presents completely renewed and modernized JavaScript components for building powerful and trendy web interfaces.

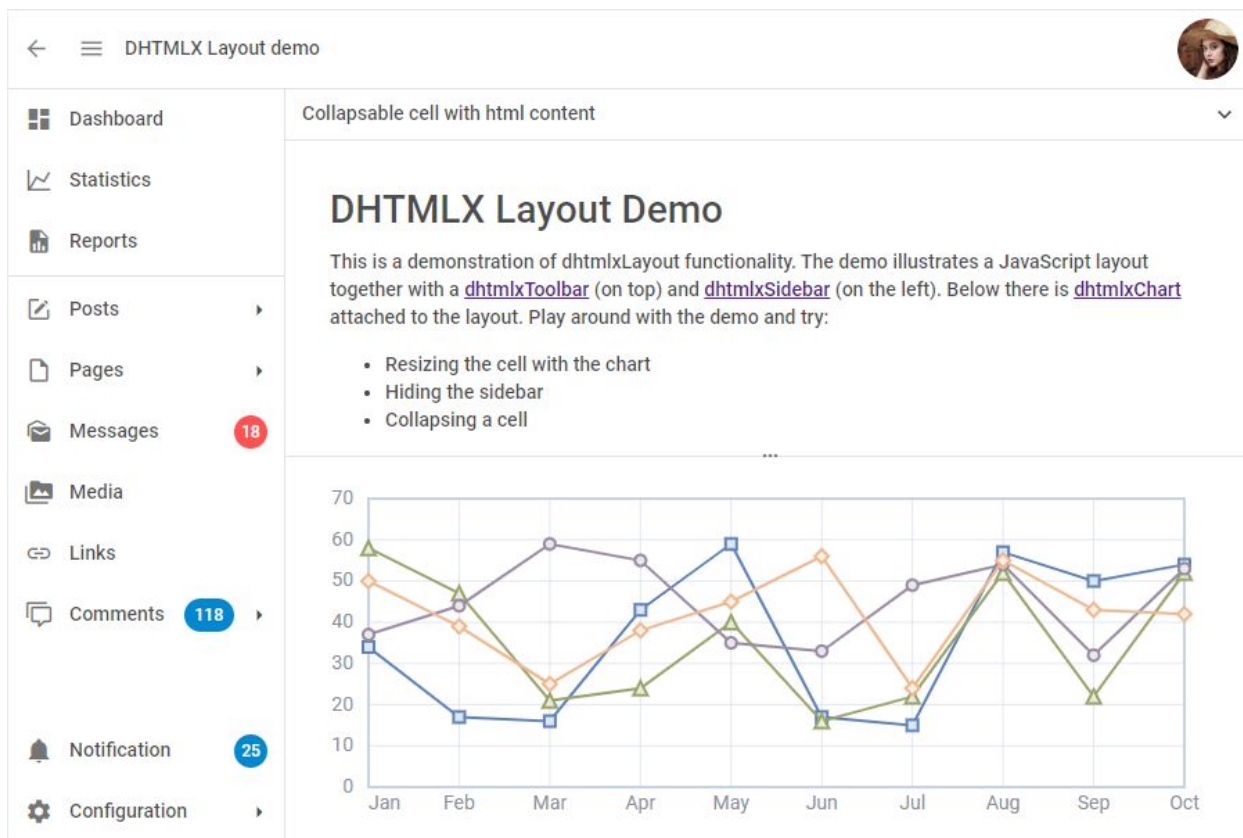


dhtmlxSuite 6.0 JavaScript UI Components

So, let's have a closer look at the components included in the dhtmlxSuite 6.0 library. We have grouped them according to their purpose.

Layout Components: Layout, Tabbar, Window

These are the most basic components, which serve as the foundation of any user interface. [dhtmlxLayout](#) as a key part of the library makes it easy to arrange all other UI components on a webpage. Below you can see how various UI elements like a sidebar, toolbar, chart, and some custom HTML content can be organized using the layout component:



Data Processing Components: List, DataView, Grid, Tree, TreeGrid

The following group represents a range of components for working with data: arranging data in different views (list, dataview, grid, tree), filtering and sorting data, etc. The filtering and sorting functions, as well as managing data in all possible ways, are common for all these components due to the ubiquitous system of data processing via Data and Tree collection.

Here is an example of a [JavaScript grid](#) with a footer containing the sum of values from column cells, one selected row, and cells with custom marks:

Country	Population	Yearly Change	Net Change	Density (P/Km²)	Land Area (Km²)
<input type="text" value=""/>	<input type="text" value=""/>				
China	1415045928	0.0039	5528531	151	9388211
India	1354051854	0.0111	14871727	455	2973190
U.S.	326766748	0.0071	2307285	36	9147420
Indonesia	266794980	0.0106	2803601	147	1811570
Brazil	210867954	0.0075	1579676	25	8358140
Pakistan	200813818	0.0193	3797863	260	770880
Nigeria	195875237	0.0261	4988926	215	910770
Bangladesh	166368149	0.0103	1698398	1278	130170
Russia	143964709	-0.0002	-25045	9	16376870
Mexico	130759074	0.0124	1595798	67	1943950
Japan	127185332	-0.0023	-200118	340	364555
Total	7632819325.000	2.757	82557224.000	108692.000	130094009.000

Data Visualization Components: Charts

The [JavaScript charting library](#) includes 11 types of charts: Line and Spline charts, Bar and X-Bar charts, Area and Spline Area charts, Pie and Donut charts and their 3D variations, Radar and Scatter charts.



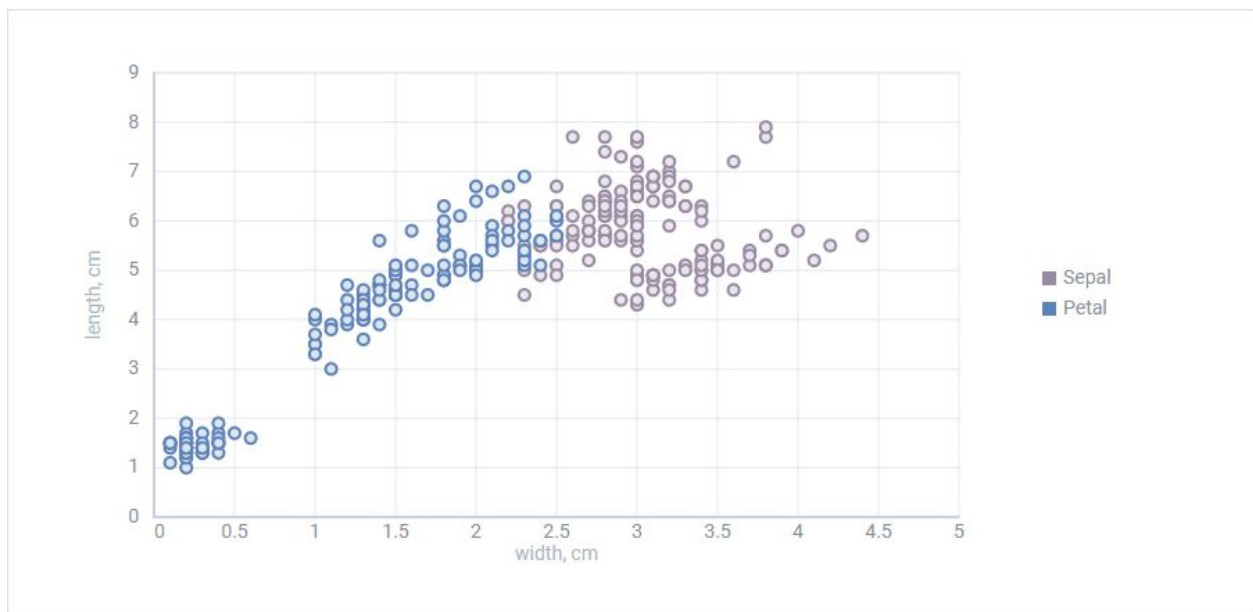
Spline Chart



Bar Chart



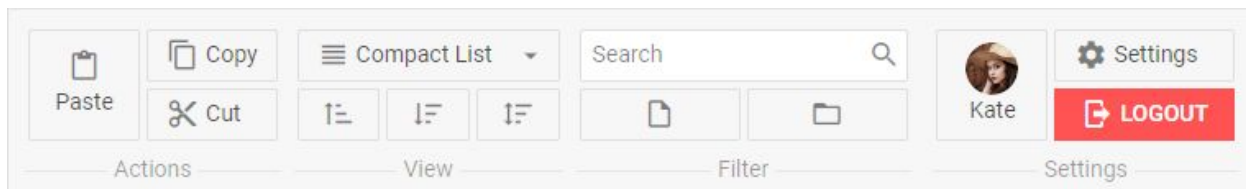
Radar Chart



Scatter Chart

Navigation Components: Menu, Ribbon, Sidebar, Toolbar

This group of JavaScript components shares a similar range of controls for website navigation: various buttons, navigation items, spacers, separators, titles, and input fields. The Tree collection enables developers to conveniently manage the controls and update them dynamically. Here is an example of a [JavaScript ribbon toolbar](#):



Form-Oriented Components: Calendar, ColorPicker, Combo, Form, Slider, TimePicker

These components can assist you in building diverse interfaces for multiple purposes. However, we've put them in the form-oriented group of components, as they are a perfect fit for creating complex forms and can be easily integrated with each other. Here you can check how [dhtmlxForm](#) may look like with a colorpicker, calendar, time picker, and simple file uploader attached:

The image shows a web application settings interface. On the left, there are two main sections. The first section, 'Sync data with FTP server', is enabled (checked) and contains fields for 'Server' (John Doe), 'Login' (jd@mail.name), and 'Password'. Below these is a 'Sync every' dropdown set to 'second friday' and an unchecked 'Enable log' checkbox. The second section, 'Init system hardware upgrade', is also enabled (checked) and contains fields for 'Start date' (with a calendar icon), 'Start time' (with a clock icon), and a 'Duration' dropdown set to 'week'. On the right, the 'Use custom UI colors' option is checked. Below it are 'Font color' and 'Background color' sections, each with a color picker. The 'Background color' picker is currently open, showing a grid of 30 color swatches. Below the grid is a 'Custom colors' section with a '+' button. At the bottom right, there is a file upload area with a cloud icon and the text 'Drag & drop files or folders here or [browse files](#)'.

☒ Sync data with FTP server

Server

Login

Password

Sync every

☐ Enable log

☒ Init system hardware upgrade

Start date

Start time

Duration

☒ Use custom UI colors

Font color

Background color

☐ Custom colors

Arial

Files

Custom colors

Drag & drop files or folders here or [browse files](#)

Helpers: Popup and Message (Alert, Confirm, Tooltip)

These are little helpers that are crucial for creating any web interface. They represent different types of dialog boxes: popup windows, message boxes for showing notifications, alerts, confirmations, and tooltips.