Arction LightningChart JS v4.2.1 (22 Sep 2023)

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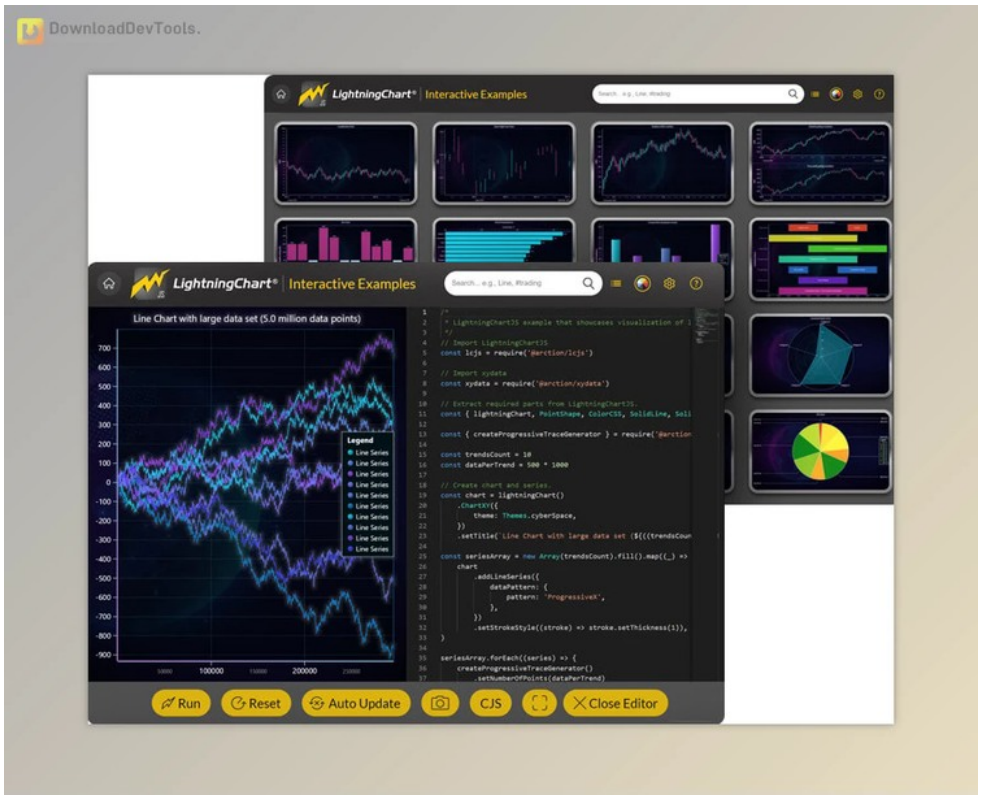

In **Auction LightningChart JS**, the audio data is extracted in real-time with the use of the web audio API, and the web audio API has a method of. The user can create an analyzer () to create a new analyzer node. In this case, the analyzer node is a method to get the time domain data and the frequency of the data, which is data from the Fast Fourier transform right on the signal of that audio.

The time-domain data is shown on the time-domain chart. The same data is being pushed to the history chart of the waveform. The charger can display the last 1 million samples obtained by the audio input Charter Spectrum, which is used to display the three different series. One is the spectrum of the latest sample, the maximum frequencies seen, and it became the frequency of history. It has the ability and the power to provide users with an interactive and responsive graph with an unmatched rendering range.

is also known to be a cross-platform library that has been created to provide a WebGL that has been established and nimations of the user's application. It exports the extensive functionality, which is also reachable documentation of the API and dashboard management. The optical process of trading, medicine, and the industrial control of the process along with the technology. The Lightning Chart is described to be the fastest 2D as well as the 3D data virtualization, which is for the WPF, Win Forms, and finally, the UWP. It was mainly actively developed in the year 2009. The charting library contains interactive charts of over 100 for users and dev opers that are capable of providing a rich functionality that is suitable for the process of creation of the application within demanding industries such as science and research, economics as well as finance, trading along with medicine, energy, defense and few more. Lightning Chart is known to be entirely accelerated by the GPU. It has a performance optimized by the charting component that can spread the record-breaking amount of data points in real-time to

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the user and the developer. It can provide real-time monitoring without even having to Flickr or delay, it can provide a data set that has a high resolution, it makes efficient use of the machine resources, and it can render data with the older machine hardware and maintain all the advantages mentioned above.

Key Features of Arction LightningChart JS :

1. **Dashboard:** It can make it convenient to the users and developers and also make it simple and provide a straightforward way to handle dozens of boxes that are legends, graphs, buttons, checkboxes, as well as other components of the UI that are present. The resource-efficient rendering of the chart, which is basically in one GPU, can make the resizing process of the columns and the extremely fast columns.
2. **Animations:** The process of animation is considered exceptionally rendering and can ensure the animation process exceeds all the industry standards. It has the intuition to display interactivity with the process of zooming, transferring the data curses, the tanning process, and so on.
3. **WebGL rendering:** WebGL can enable the web contents to use the API based which is on OpenGL to perform the 2D and the 3D for rendering in the canvas of the HTML within the browsers capable of supporting it without having to use the plug-ins. The WebGL programs consist of the control code within the JavaScript and the shader code executed on the Graphic Process ng unit of the computers. It can ensure that the user devices and the graphic chips are being used effectively, leading to a high performance rate and outstanding functionality.
4. **Server-side rendering:** Arction LightningChart JS can support the rendering process and can utilize them along with the bundle. It permits the user and the developer to use the graphs in the server to generate high-quality images of the graphs.

版本列表

Arction LightningChart JS v1.3.1 (29 May 2020)

Arction LightningChart JS v2.0.3 (15 Oct 2020)

Arction LightningChart JS v3.3.3 (14 Dec 2021)

Arction LightningChart JS v4.2.1 (22 Sep 2023)

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