Interactive Data Stream Time Window Visualization (Interval Approach)

This page allows to visualize and to interactively explore the interval approach with time windows. At the bottom of this page there is a text box with data stream elements (feel free to insert your own elements). Each line is one element. Fields are separated by commas. The first field is the timestamp, the second is the value that will be displayed in the visualization. All other values will be ignored. Bush the button "Add Next Element" to add the first (next) element of the text field to the visualization area (next to this paragraph that is still blank yet). The validity interval of the elements will be depicted as lines with respect to the width and advance specified in the text boxes below. After adding a bunch of elements the visualization highlights the range of a window and all elements that are part of the highlighted window. Move the mouse pointer to a point in time to change the observation point.

Your browser does not support the HTML5 canvas tag.

Observation Point in Time:
Elements That Start at the Observation Point:
Passed Time Units in Window:
Elements in Window:
Count:
Sum:
Avg:
Window Width:

Window Advance:

Elements queue:

Samples: Sample 1 Sample 2 Random

`timestamp,display value[, other values]`