Interactive Prototyping of Statistical Graphics with WeBIPP

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This talk presents an R interface to WeBIPP, an interactive web-based tool for creating data-based graphics.

WeBIPP possesses a GUI front-end that is easy to use, allowing the user to rapidly build new statistical graphics from scratch with a few clicks of the mouse. More, the underlying mechanism for WeBIPP ensures that the GUI front-end does not limit any programming input, enabling any programming knowledge in the relevant fields (*HTML*, *CSS*, *SVG*, *JavaScript*, *D3js*[1]) to easily be employed to further enhance the graphic. WeBIPP caters to both the novice GUI user and the expert while enabling the creation of a variety of statistical graphics, from familiar mainstream plots like a barplot, to completely new and innovative plots tailored to presenting a specific feature of a dataset.

References

[1] Bostock, M., V. Ogievetsky, and J. Heer (2011). D3: Data-driven documents. *IEEE Trans. Visualization & Comp. Graphics (Proc. InfoVis)*.