

GGobi meets R: An Extensible Environment for Interactive Dynamic Data Visualization

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Abstract: GGobi is a direct descendant of XGobi, designed so that it can be embedded in other software and controlled using an API (application programming interface). This design has been developed and tested in partnership with R. When GGobi is used with R, the result is a full marriage between GGobi's direct manipulation graphical environment and R's familiar extensible environment for statistical data analysis.

GGobi has several other advances over XGobi, including multiple plotting windows, more flexible color management, xml file handling, and portability to Windows.