Provenance for Business Objects and Visualization

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—Use Cases:

• The use of provenance to track changes to business objects in business applications by various sources over time.
• The visualization of provenance of business objects in a highly responsive and animated manner within a web browser.

—Our Implementation:

• We are using provenance of business objects in a Governance, Risk, and Compliance application that helps users adhere to the Sarbanes Oxley accounting reform act by importing and analyzing data from many different ever-changing software systems.
• We are visualizing the provenance of business objects in a web browser using an HTML 5 canvas based graph rendering tool that shows changes over time in a movie-like format including representation of the agents responsible for changes.