

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.