

Continuum

Designing Timelines for Hierarchies, Relationships and Scale

Nested Hierarchical Objects

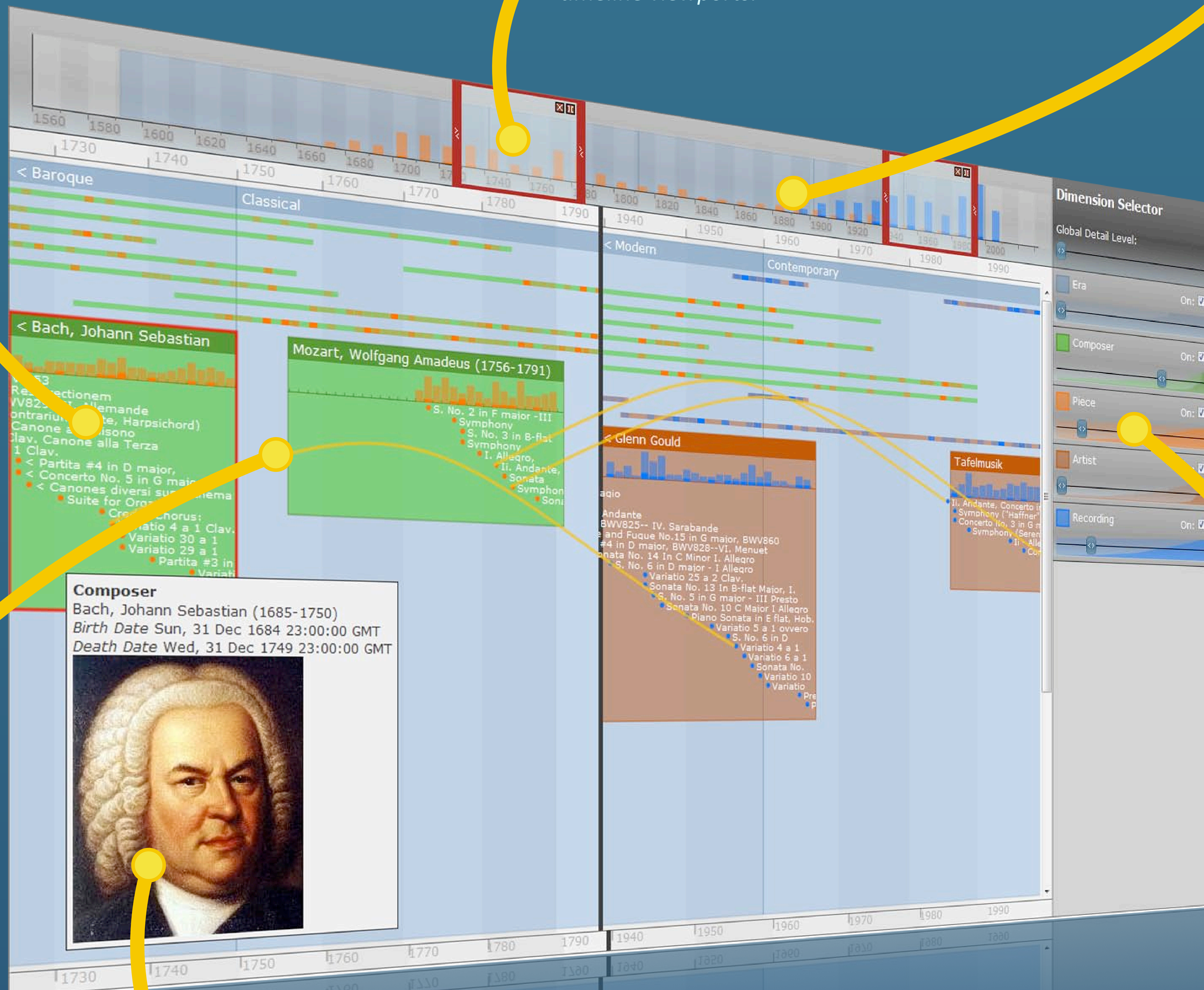
Continuum supports hierarchical information by displaying this information using nested timeline objects. Timeline objects handle the display of themselves and also nested child information dynamically depending on the type of information available.

Timeline Overview

An overview of the entire timeline data using a histogram that depicts a quantitative measure of goal items over time

Viewport Controller

The viewport controller allows the user to change the current zoom level and time position of each of the timeline viewports.



Contextual Information

Information about timeline objects is available when users hover over that object. This can include a combination of text and multimedia.

Temporal Relationships

Continuum supports relationships between temporal data and will display these relationships using connecting lines.

Level of Detail Control

The level of detail control allows user to modify the amount of data that is visible at once. Sliders for each dimension start off only showing the most important information, but can be adjusted to show all information.

Paul André, Max L. Wilson, Alistair Russell, Daniel A. Smith, Alisdair Owens,
m.c. schraefel
University of Southampton

