

A Family-Centric Genealogy Visualization Paradigm

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Families are forever...

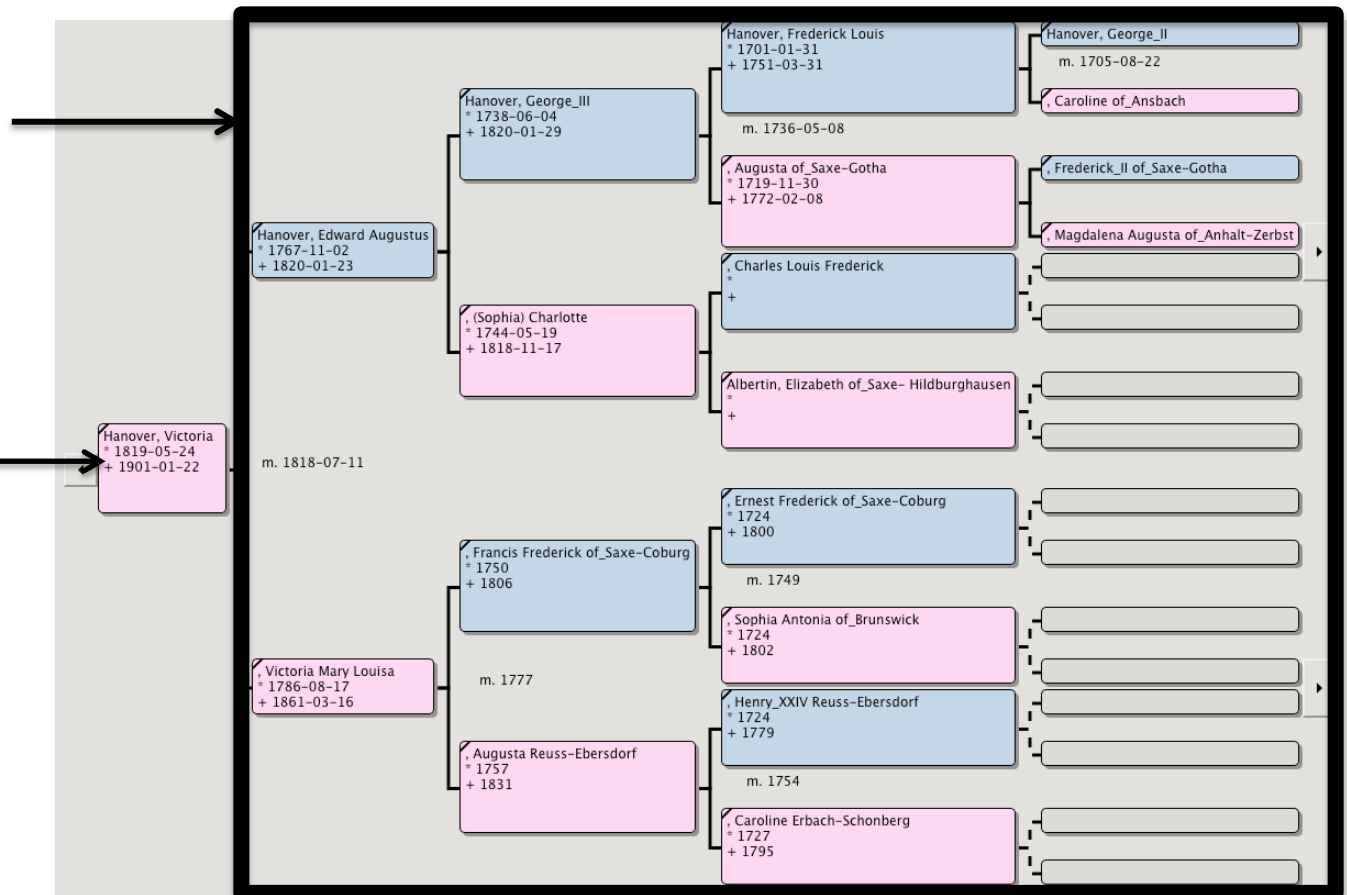
Families are forever...

Except in genealogy visualizations.

Ancestors
(direct parent
relationships
only)

Individual

Spouse(s)?
Children?
Cousins?

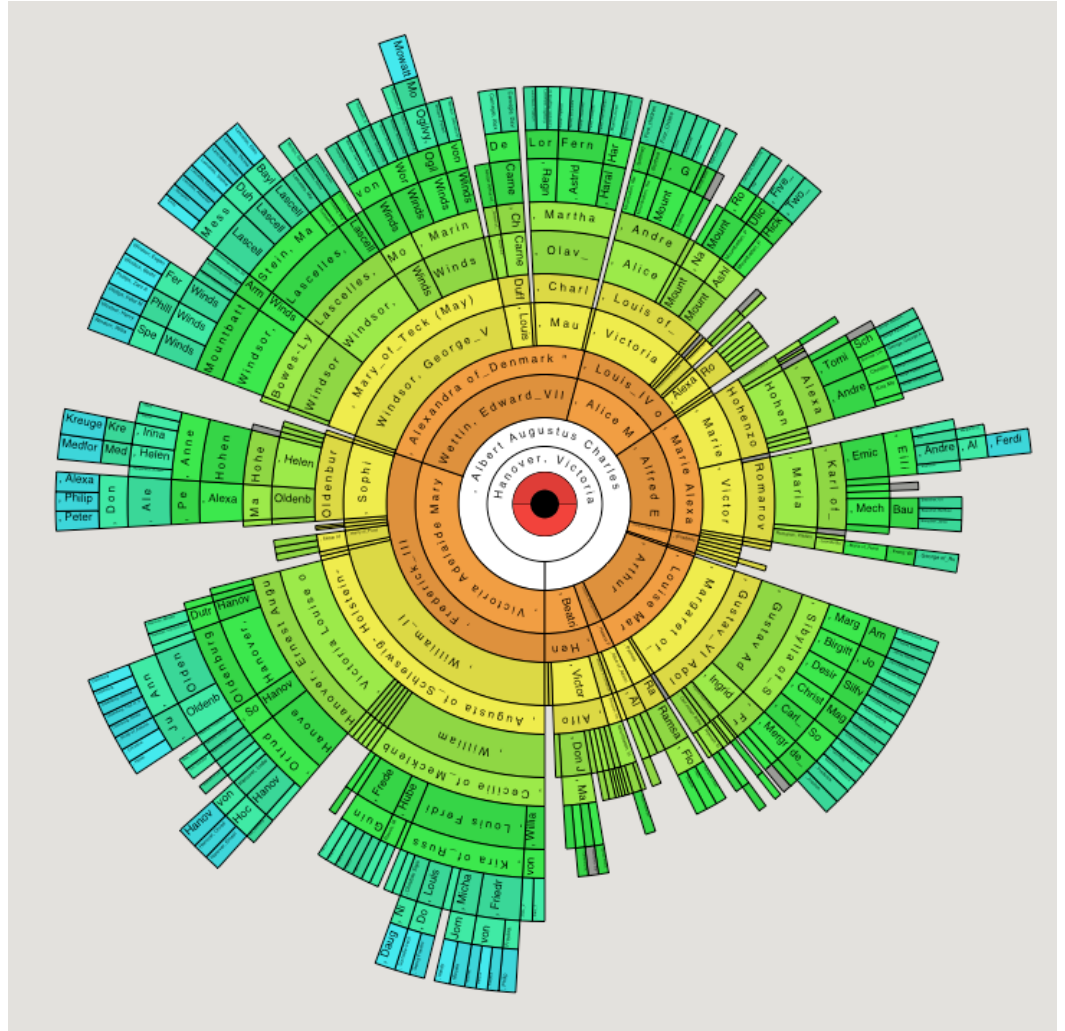


Generational Visualizations

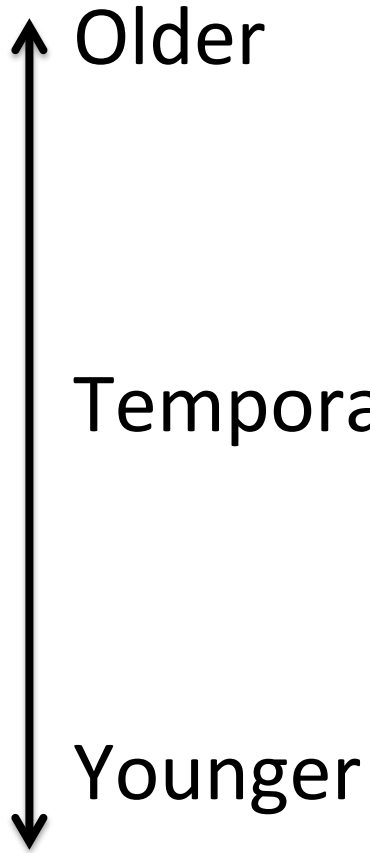
Generation relationships:

Based purely on parent-child relationship.

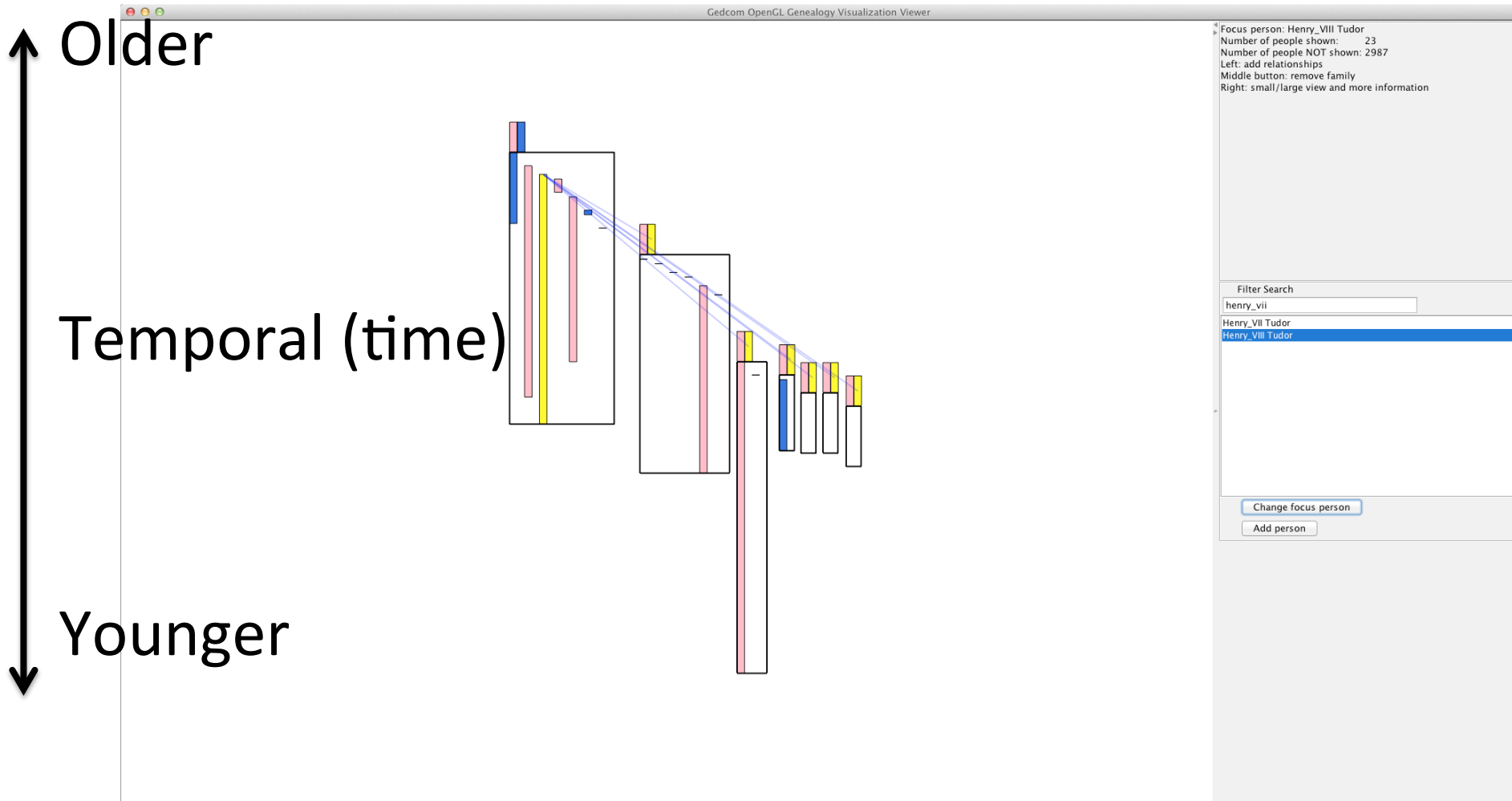
No temporal meaning when comparing within generations.



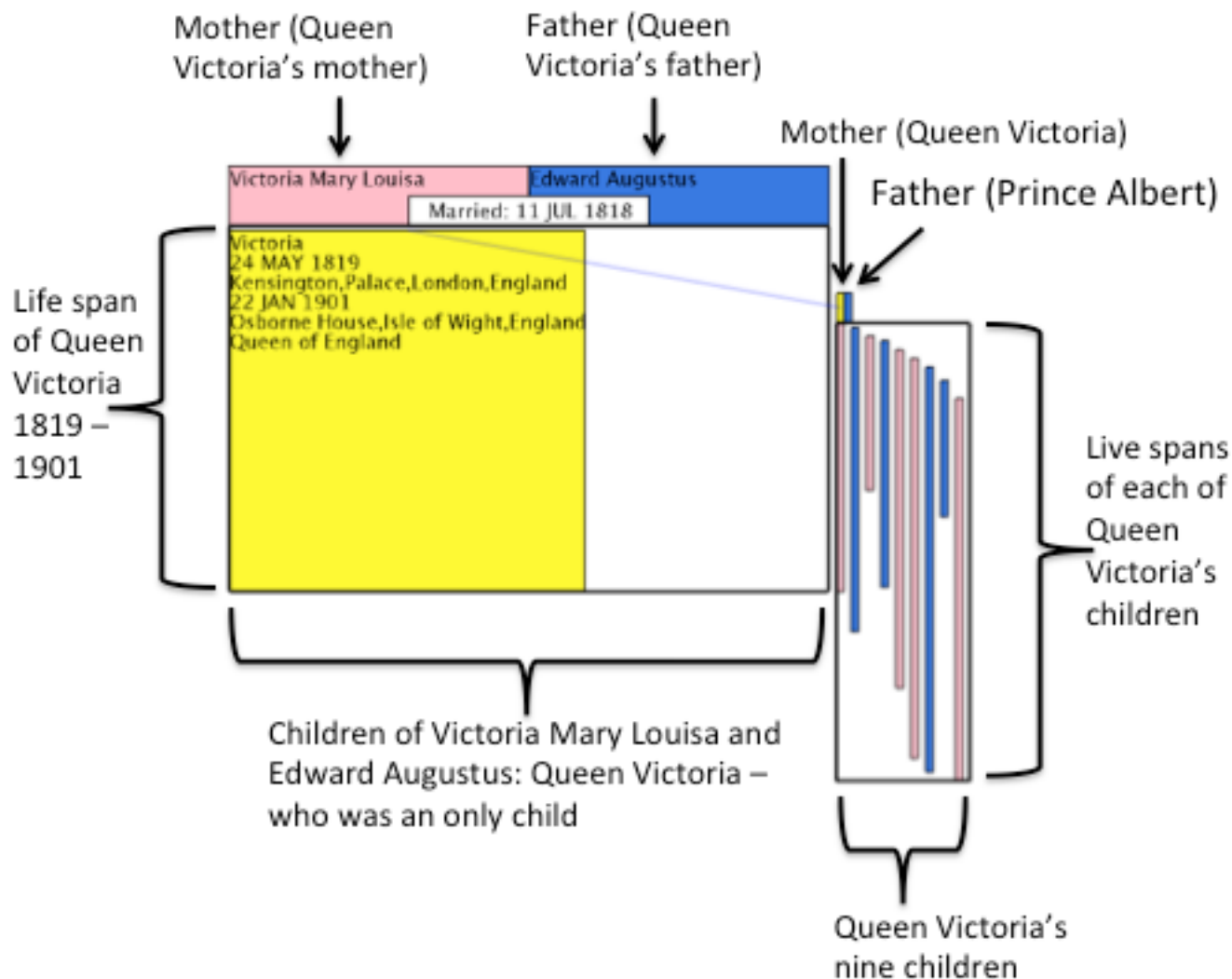
Temporal Visualization



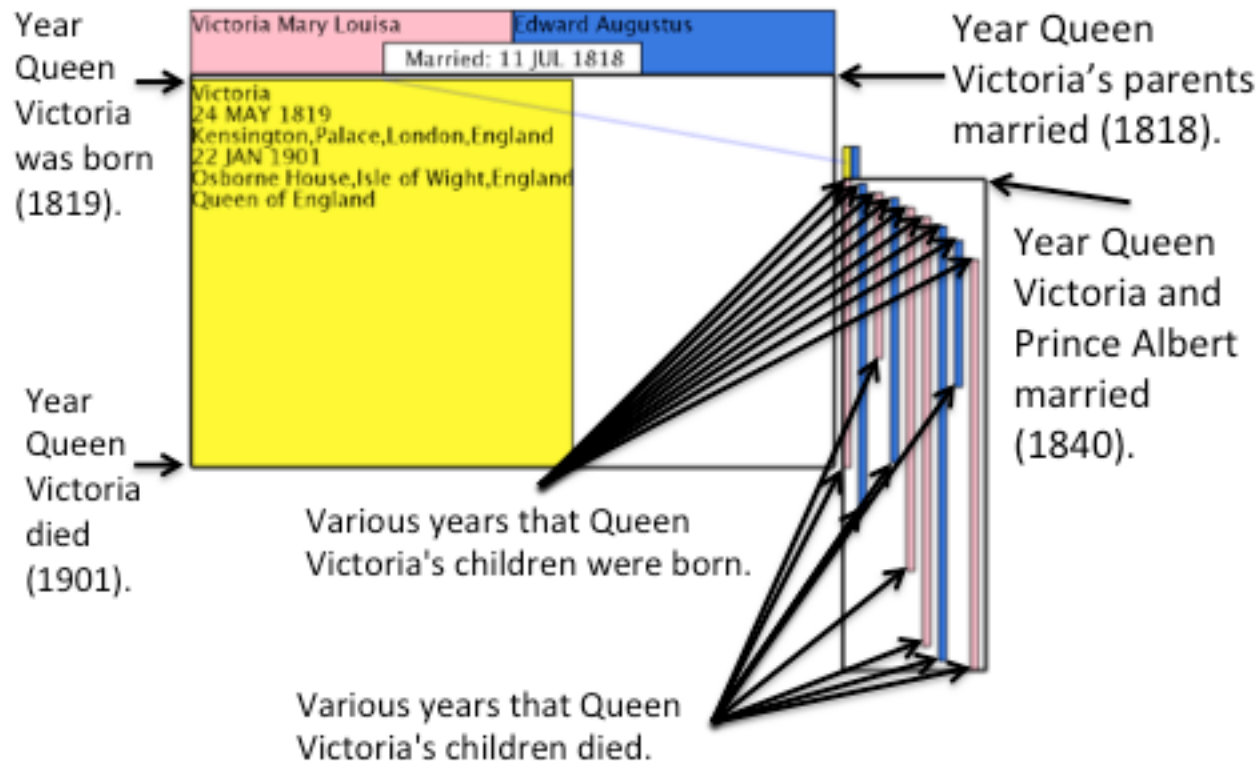
Prototype



Family units dissected

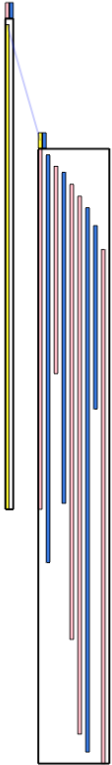


Family units dissected, continued

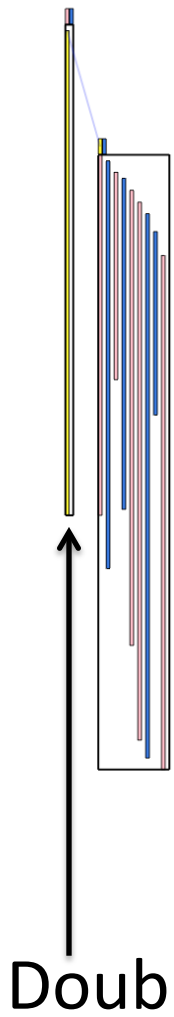


3 levels of detail

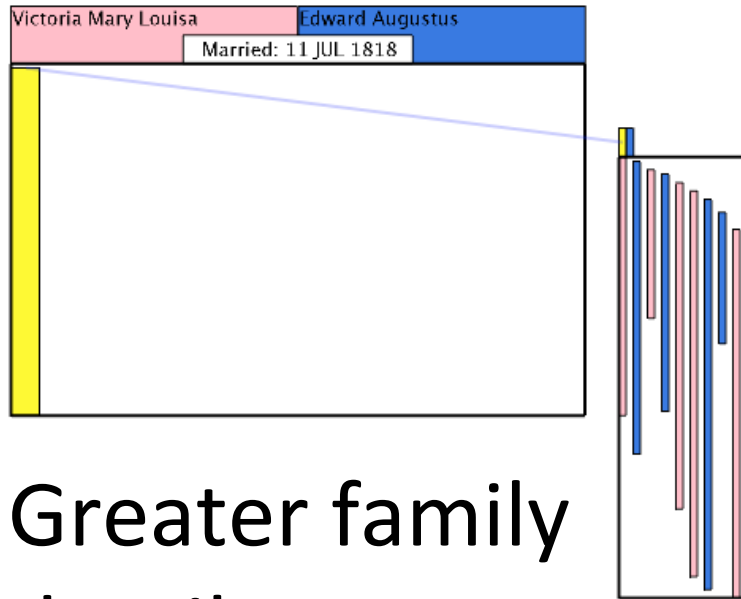
Overview



3 levels of detail

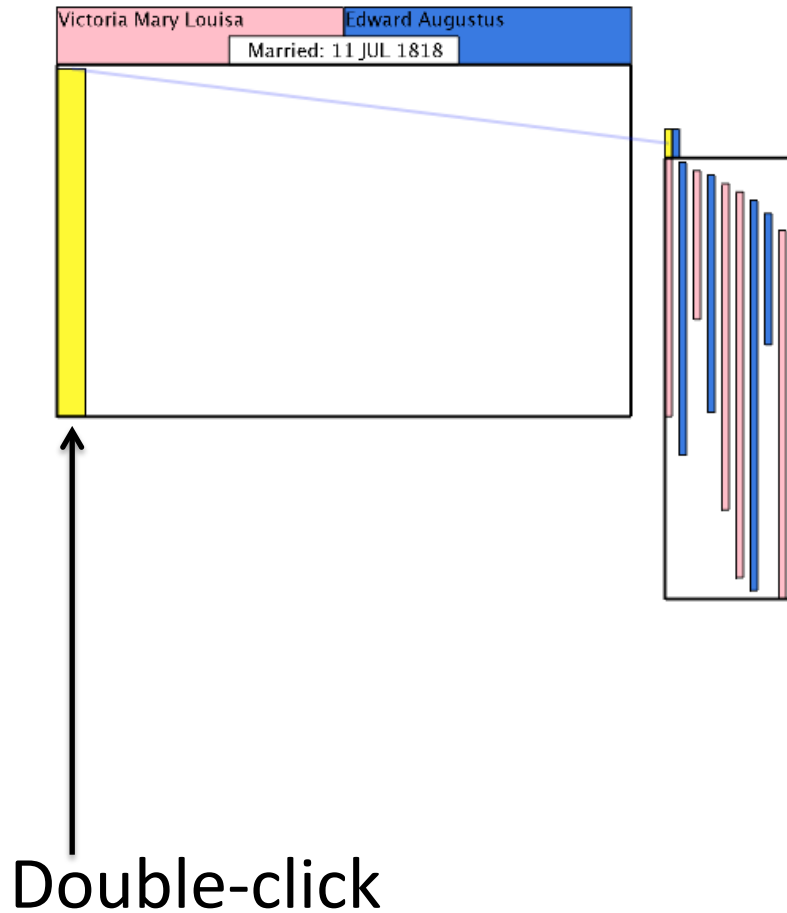


3 levels of detail



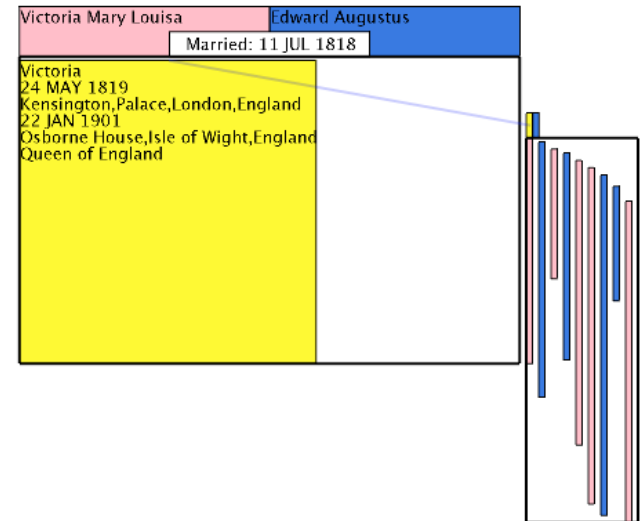
Greater family
detail

3 levels of detail



3 levels of detail

Greater family and
individual detail



3 levels of detail

The diagram illustrates three levels of detail in a hierarchical structure, likely representing a data visualization or a document structure.

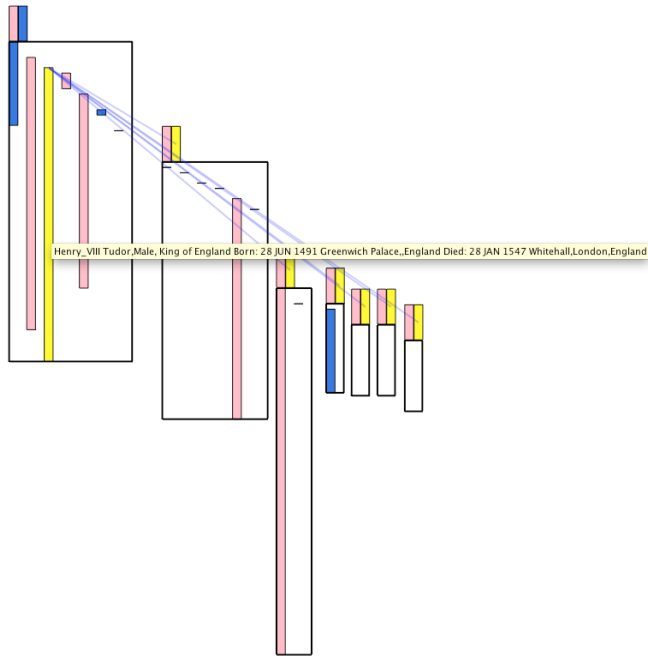
Level 1 (Left): A vertical bar with many colored segments (yellow, blue, red, green, etc.), representing a high level of detail or a raw data stream.

Level 2 (Middle): A box representing a summary or a higher level of abstraction. The box has a header with the text "Victoria Mary Louisa" (pink background) and "Edward Augustus" (blue background), and a sub-header "Married: 11 JUL 1818" (white background). The main body of the box is a large yellow area, indicating a high level of detail or a raw data stream.

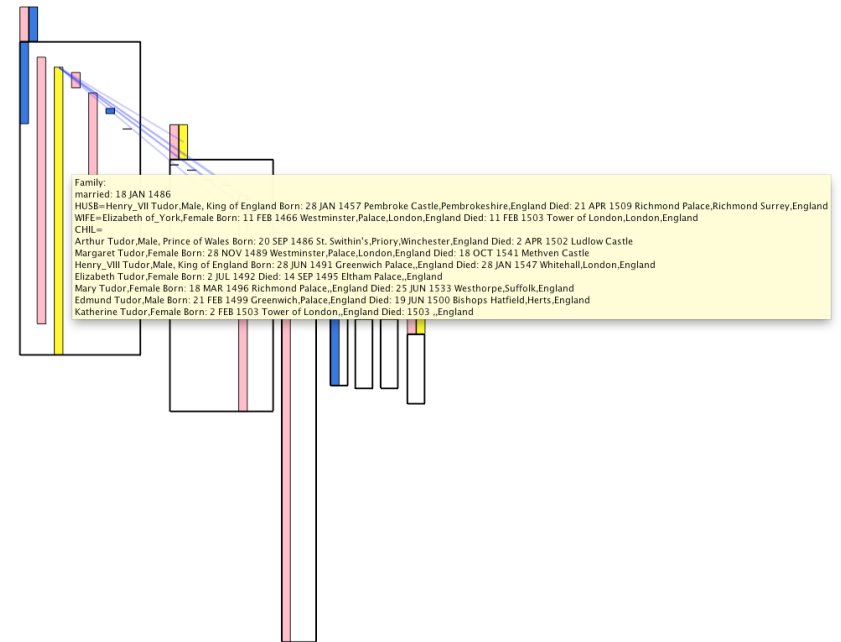
Level 3 (Right): A box representing a more detailed view of the data. The box has the same header as Level 2. The main body of the box is a yellow area containing the following text: "Victoria 24 MAY 1819 Kensington, Palace, London, England 22 JAN 1901 Osborne House, Isle of Wight, England Queen of England". This text is a detailed description of the data represented in the yellow area of Level 2.

Arrows indicate the flow of information from Level 1 to Level 2, and from Level 2 to Level 3, showing how the data is refined and detailed at each level.

Tooltips



Individual tooltip
(hover over individual)



Family tooltip
(hover over family unit)

Events

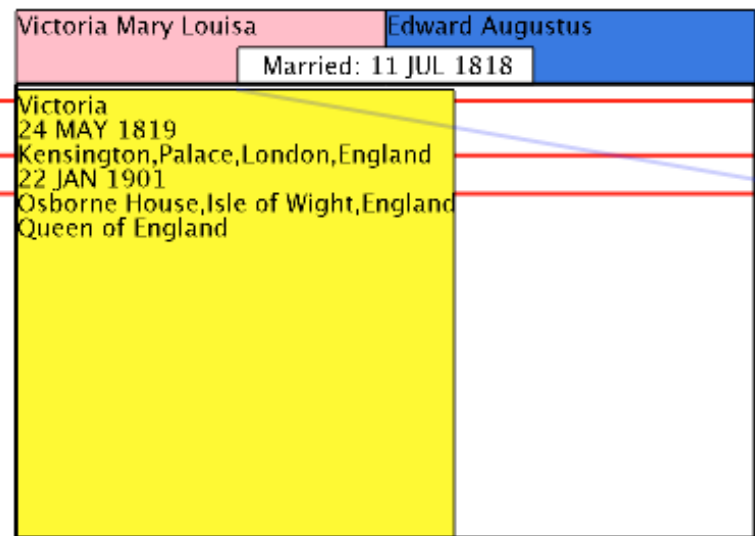
22 September 1761 : George III crowned King of the United Kingdom

19 July 1821 : George IV crowned King of the United Kingdom

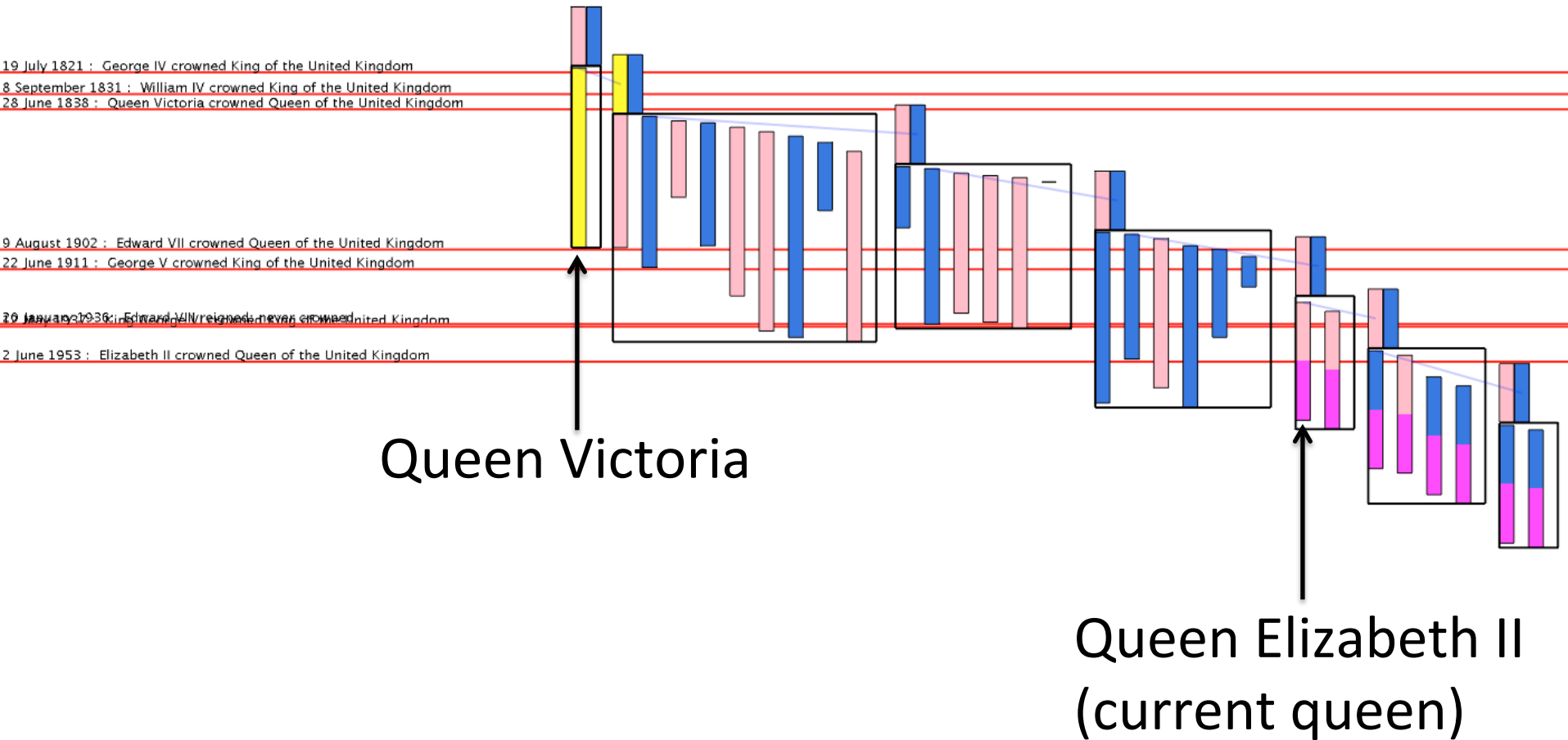
8 September 1831 : William IV crowned King of the United Kingdom

28 June 1838 : Queen Victoria crowned Queen of the United Kingdom

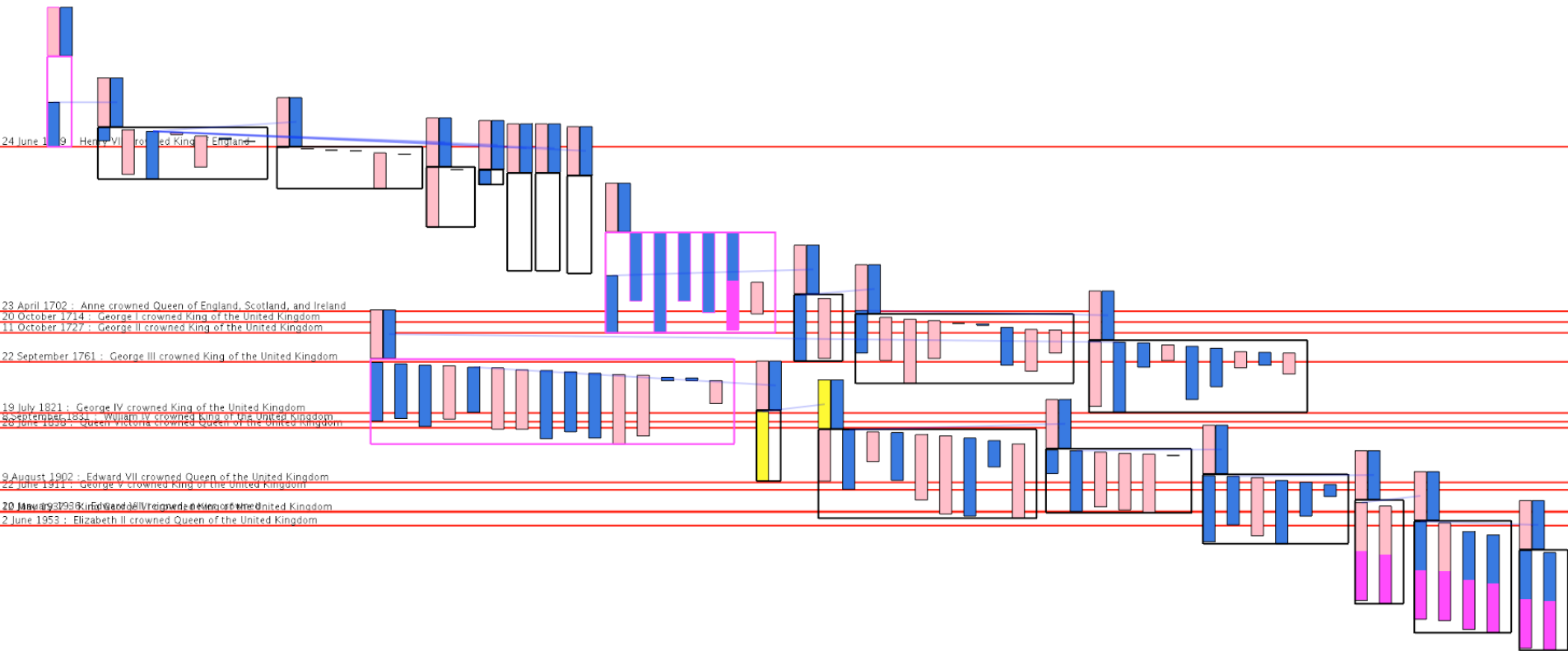
9 August 1902 : Edward VII crowned Queen of the United Kingdom



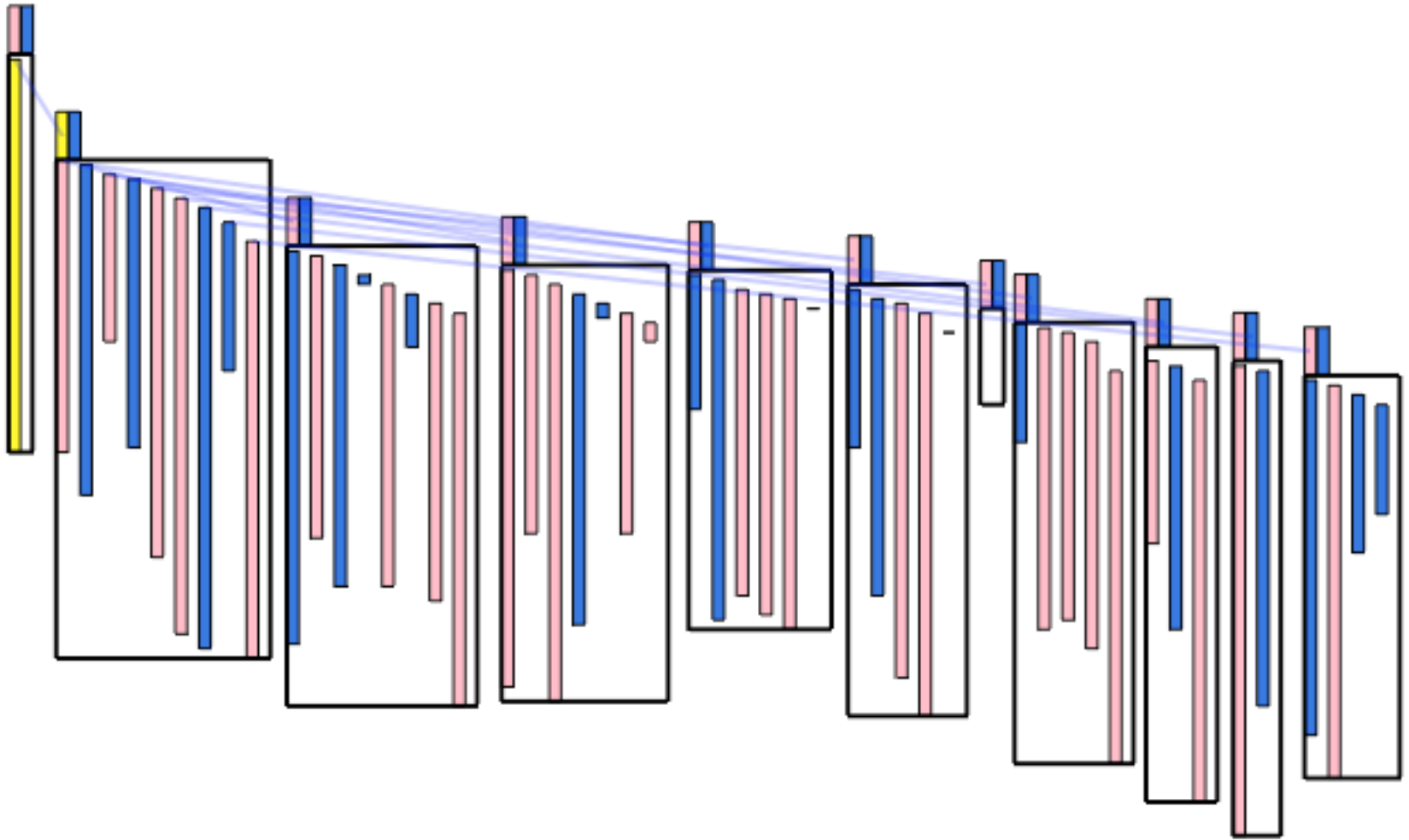
7 Generations of the Windsor Royal Line



Comparing Tudor line (Henry VIII) to Windsor line (Victoria and Elizabeth II)



Queen Victoria and ALL of her children and
ALL of her children's marriages (which
includes all of her grandchildren)



Thank You

Any questions?