A Family-Centric Genealogy Visualization Paradigm

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Families are forever...
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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

Older

Temporal (time)

Younger
Family units dissected

Mother (Queen Victoria’s mother)

Life span of Queen Victoria
1819 – 1901

Children of Victoria Mary Louisa and Edward Augustus: Queen Victoria – who was an only child

Queen Victoria’s nine children

Father (Queen Victoria’s father)

Mother (Queen Victoria)

Father (Prince Albert)

Live spans of each of Queen Victoria’s children
Family units dissected, continued

- Year Queen Victoria was born (1819).
- Year Queen Victoria died (1901).
- Various years that Queen Victoria's children were born.
- Various years that Queen Victoria's children died.
- Year Queen Victoria’s parents married (1818).
- Year Queen Victoria and Prince Albert married (1840).
3 levels of detail

Overview
3 levels of detail

Double-click
3 levels of detail

Greater family detail
3 levels of detail

Double-click
3 levels of detail

Greater family and individual detail
3 levels of detail
Tooltips

Individual tooltip (hover over individual)

Family tooltip (hover over family unit)
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

19 July 1821: George IV crowned King of the United Kingdom
8 September 1831: William IV crowned King of the United Kingdom
26 June 1838: Queen Victoria crowned Queen of the United Kingdom

9 August 1902: Edward VII crowned Queen of the United Kingdom
22 June 1911: George V crowned King of the United Kingdom

29 January 1936: Edward VIII abdicated as King of the United Kingdom
2 June 1952: Elizabeth II crowned Queen of the United Kingdom

Queen Victoria

Queen Elizabeth II (current queen)
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?