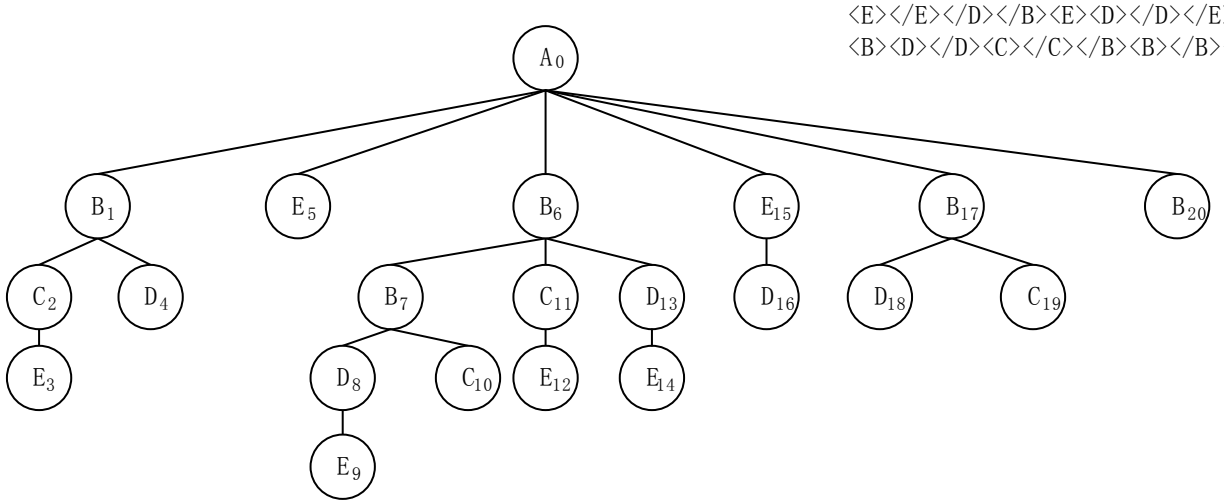
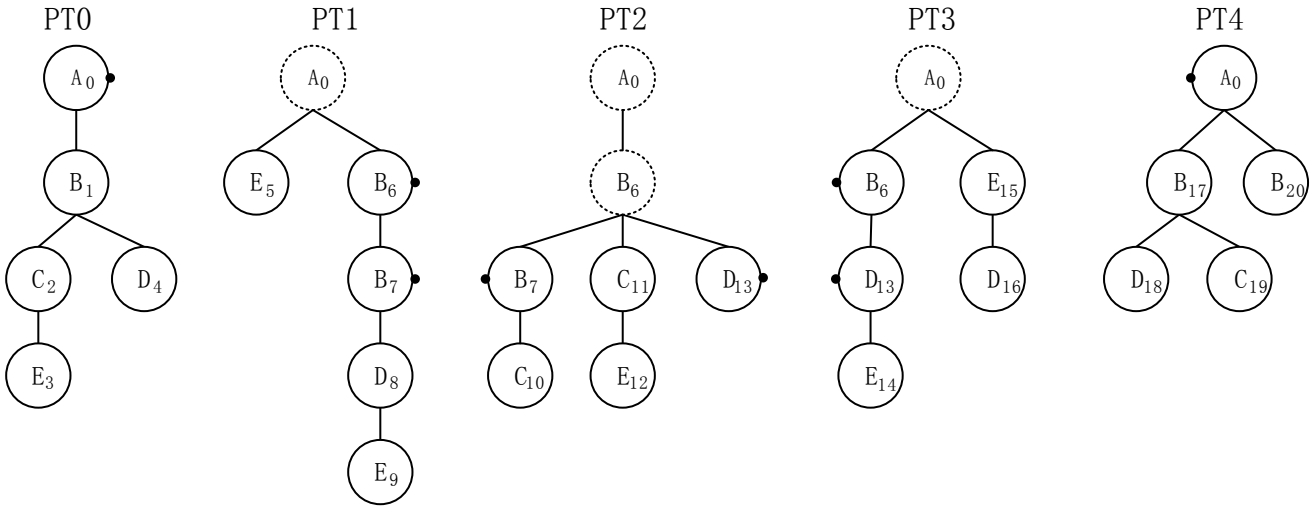
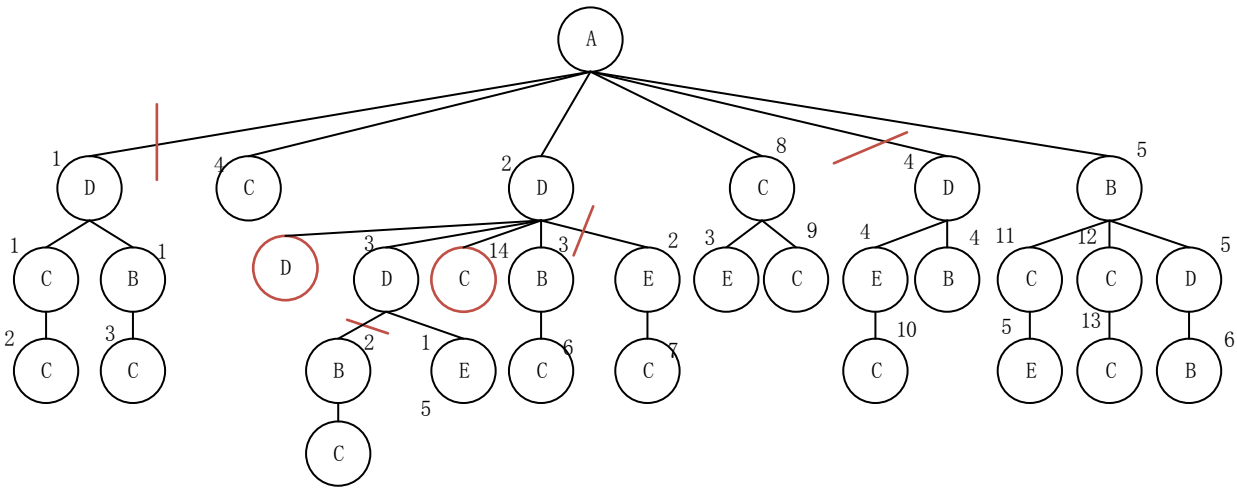
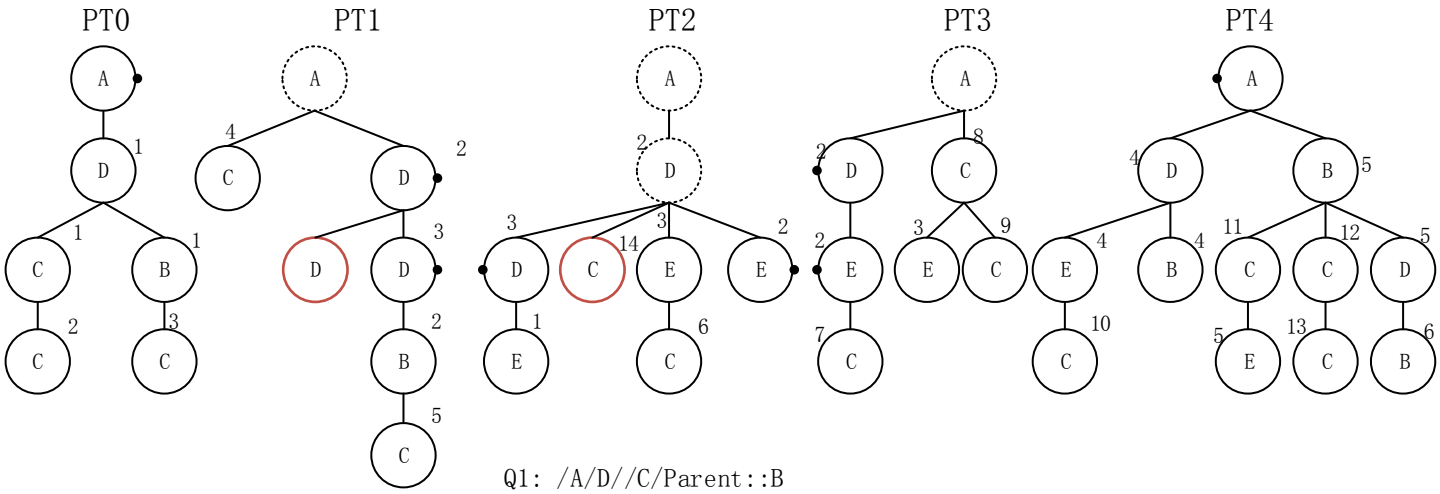
Q1: /child:: A/descendant:: B/descendant:: C/parent:: B
Q2: /descendant:: B/following-sibling:: B
Q3: /descendant:: B[following-sibling:: B/child:: C]/child:: D

<A><B><C><E></E></C><D></D></B>|
<E></E><B><B><D><E></E></D>|
<C></C></B><C><E></E></C><D>|
<E></E></D></B><E><D></D></E>|
<B><D></D><C></C></B><B></B></A>

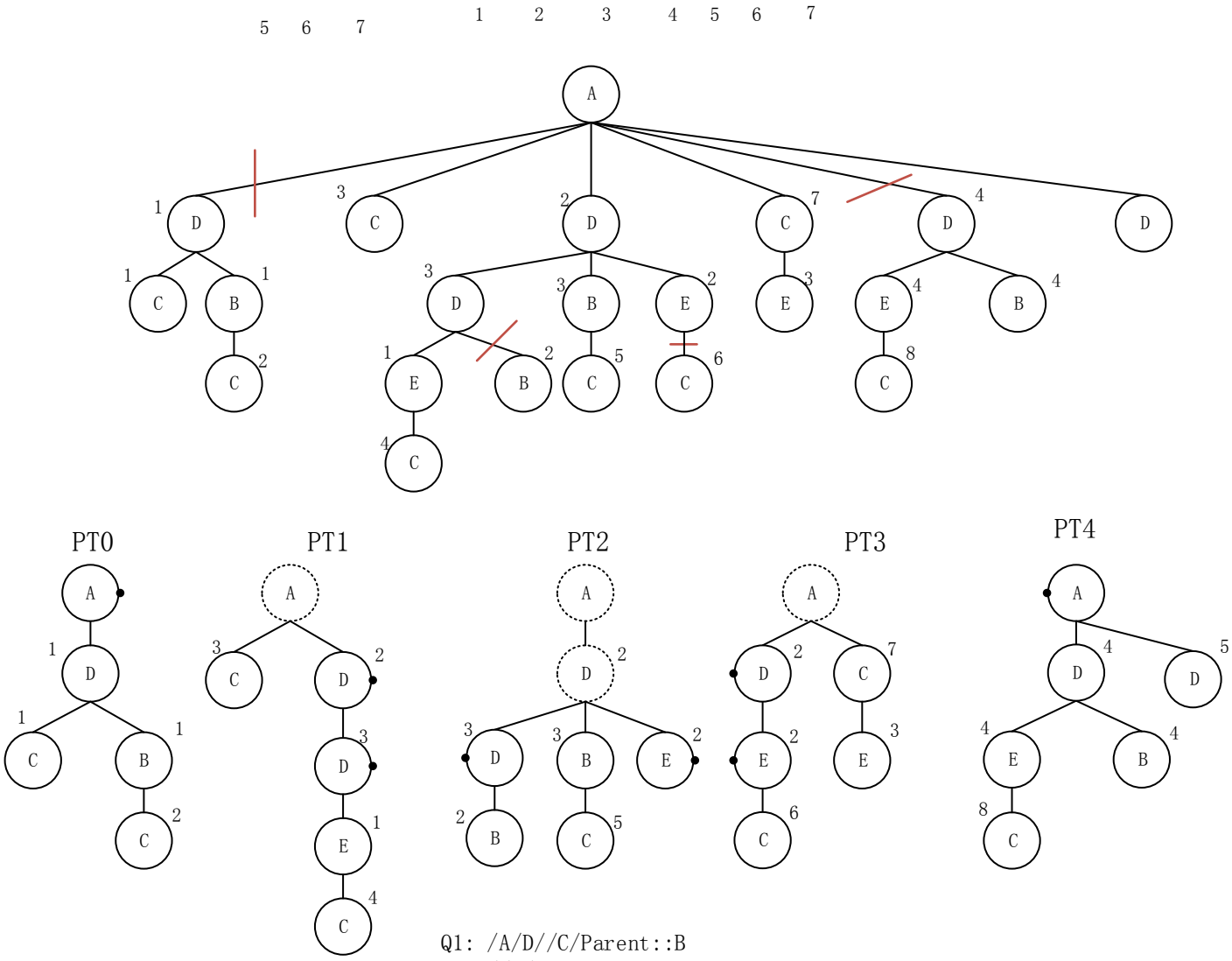




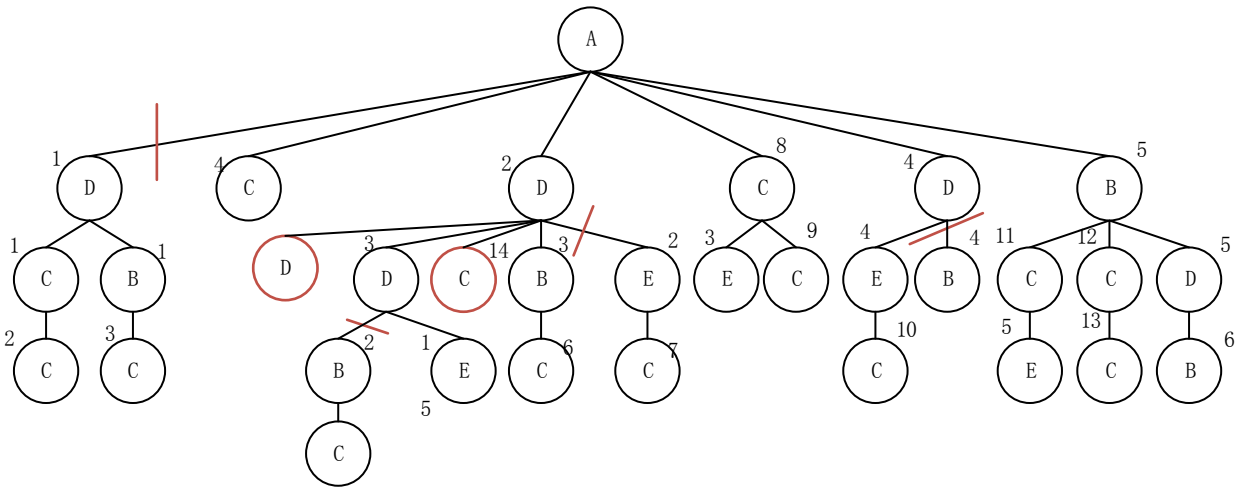


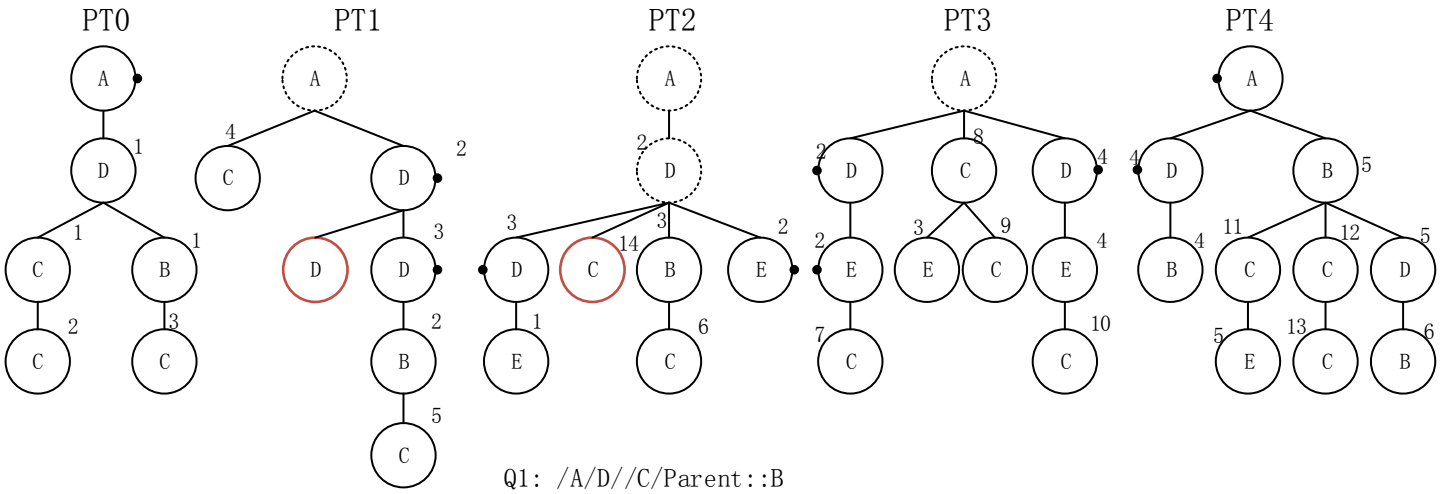


Q1: /A/D//C/Parent::B
Q2: //D/Following-Sibling::D
Q3: //D[/E/C]/B
Q4: /C[Following-Sibling::D/B]/E



Q1: /A/D//C/Parent::B
Q2: //D/Following-Sibling::D
Q3: //D[/E/C]/B
Q4: /C[Following-Sibling::D/B]/E





Q1: /A/D//C/Parent::B
Q2: //D/Following-Sibling::C
Q3: //D[/E/C]/B
Q4: //C[Following-Sibling::D/B]/E

Q1: /A/D//C/Parent::B
Q2: //D/Following-Sibling::C
Q3: //D[/E/C]/B
Q4: //C[Following-Sibling::D/B]/E

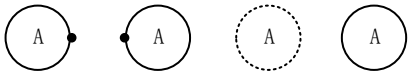


Fig.1. Four types of XML nodes

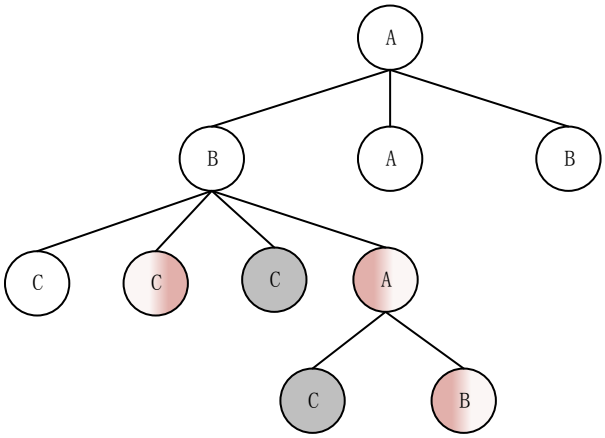


Fig.2. An examples of XML tree

Q1: /A/B/C/Parent::B

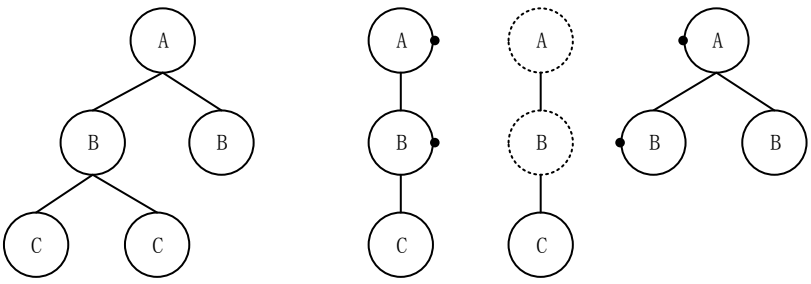


Fig.3. Query with Child and Parent

Q2: //A/B/Ancestor::C

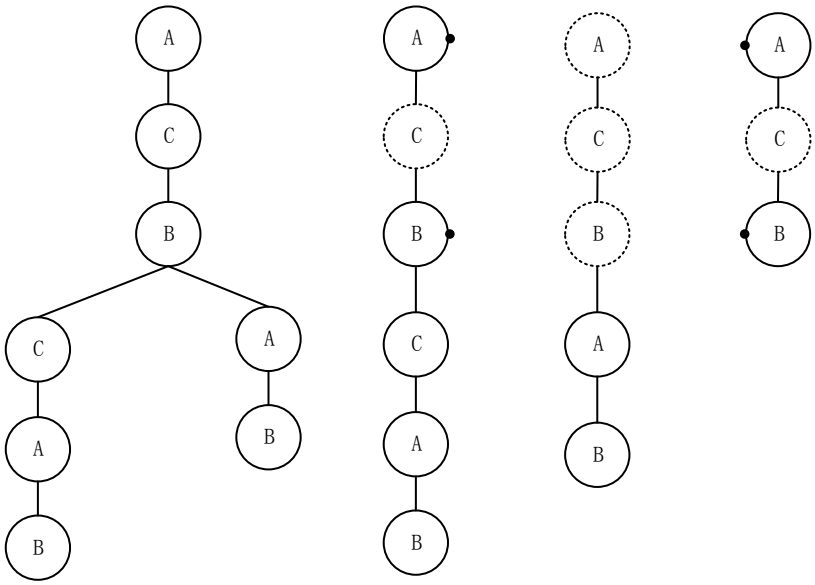


Fig.3. Query with Child and Parent

Q3: /A/B/D/Following-Sibling::C/D

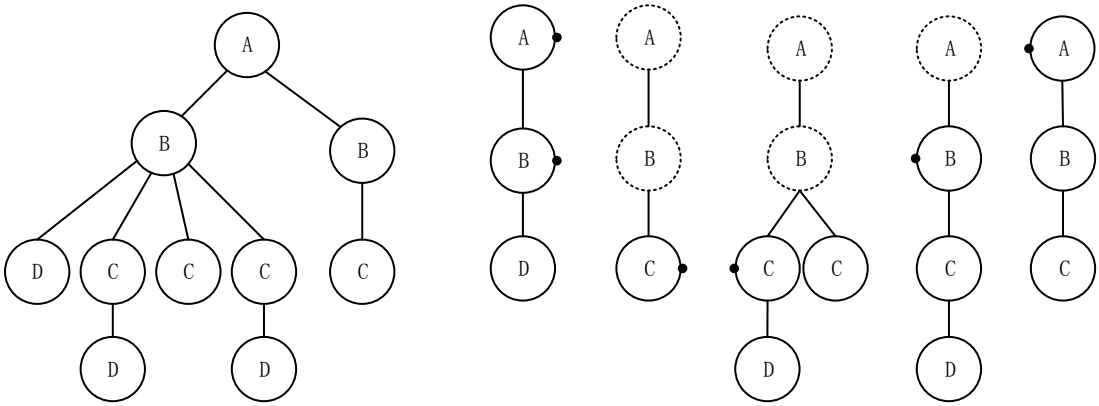


Fig.4. Query with Following-Sibling Query