

A |-----|
B |-----|
C |-----|
D |-----|
E |-----|
F |-----|
G |----|

Figure 1: Contents of the DB

A |-----|
B |-----|
C |-----|
D |-----|
E |-----|

F |-----|

G |----|

Query |-----|

Result: C

Figure 2: Exact match

A |-----|

B |-----|

C |-----|

D |-----|

E |-----|

F |-----|

G |----|

Query |-----|

Result: C, F & G (not A, which is exact match)

Figure 3: All more specifics

A |-----|
B |-----|
C |-----|
D |-----|
E |-----|
F |-----|
G |----|
Query |-----|

Result: C

Figure 4: One level more specifics

A |-----|
B |-----|
C |-----|
D |-----|

E |-----|

F |-----|

G |----|

Query | - - |

Result: A, C & G (G is included, exact match)

Figure 5: All less specifics

A |-----|

B |-----|

C |-----|

D |-----|

E |-----|

F |-----|

G |----|

Query | - - |

Result: G

Figure 6: One level less specifics

A |-----|
B |-----|
C |-----|
D |-----|
E |-----|
F |-----|
G |----|
Query |-----|

Result: C

Figure 7: Closest match [1]

A |-----|
B |-----|

C |-----|

D |-----|

E |-----|

F |-----|

G |----|

Query |-----|

Result: C

Figure 8: Closest match [2]

A |-----|

B |-----|

C |-----|

D |-----|

E |-----|

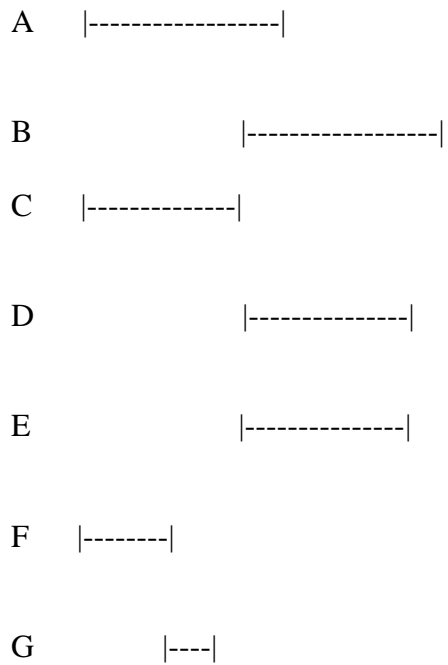
F |-----|

G |----|

Query = E

Result: D

Figure 9: Find parent (Query argument is a handle)



Query = D

Result: E

Figure 10: Find child (Query argument is a handle)