D object

| B::A fields |
| B (only) fields |
| D (only) fields |

D vtable (D/B part)

| B::A methods |
| B (only) methods |
| D (only) methods |

D vtable (C part)

| C::A methods |
| C (only) methods |

A
B
A

D view, B view, B::A view
D view, C view, C::A view

D (only) methods
C (only) fields
C::A fields
B (only) fields
B::A fields
D object

A
B
C
D

d