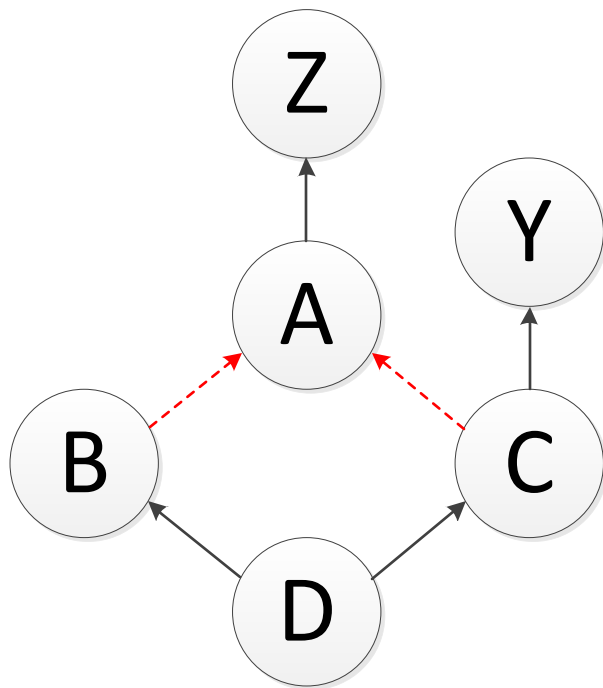


1. Class Hierarchy with Multiple Inheritance of A



Common Definitions:

```
struct Z { short z1; virtual int baz(); };  
struct Y { short y1; virtual int yep(); };  
struct A : Z { char a1; virtual int foo(); };
```

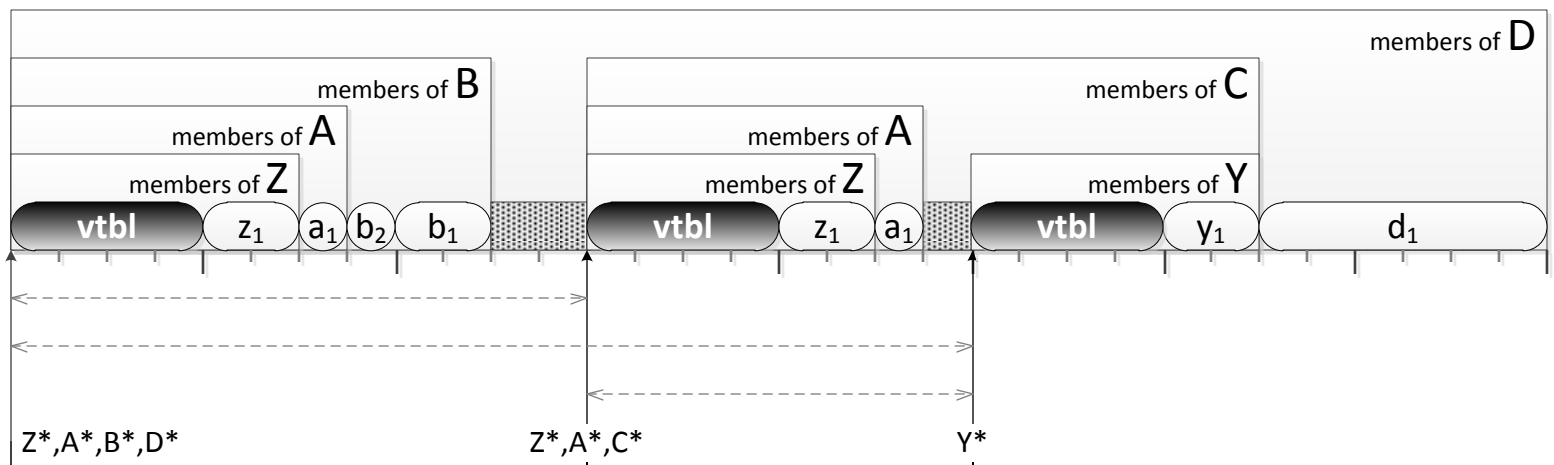
Repeated Inheritance:

```
struct B : A { short b1; char b2; };  
struct C : A, Y {};  
struct D : B, C { short d1[3]; int yep(); };
```

Virtual Inheritance:

```
struct B : virtual A { short b1; char b2; };  
struct C : virtual A, Y {};  
struct D : B, C { short d1[3]; int yep(); };
```

2. Object Layout of D under Repeated Inheritance of A



3. Object Layout of D under Virtual Inheritance of A

