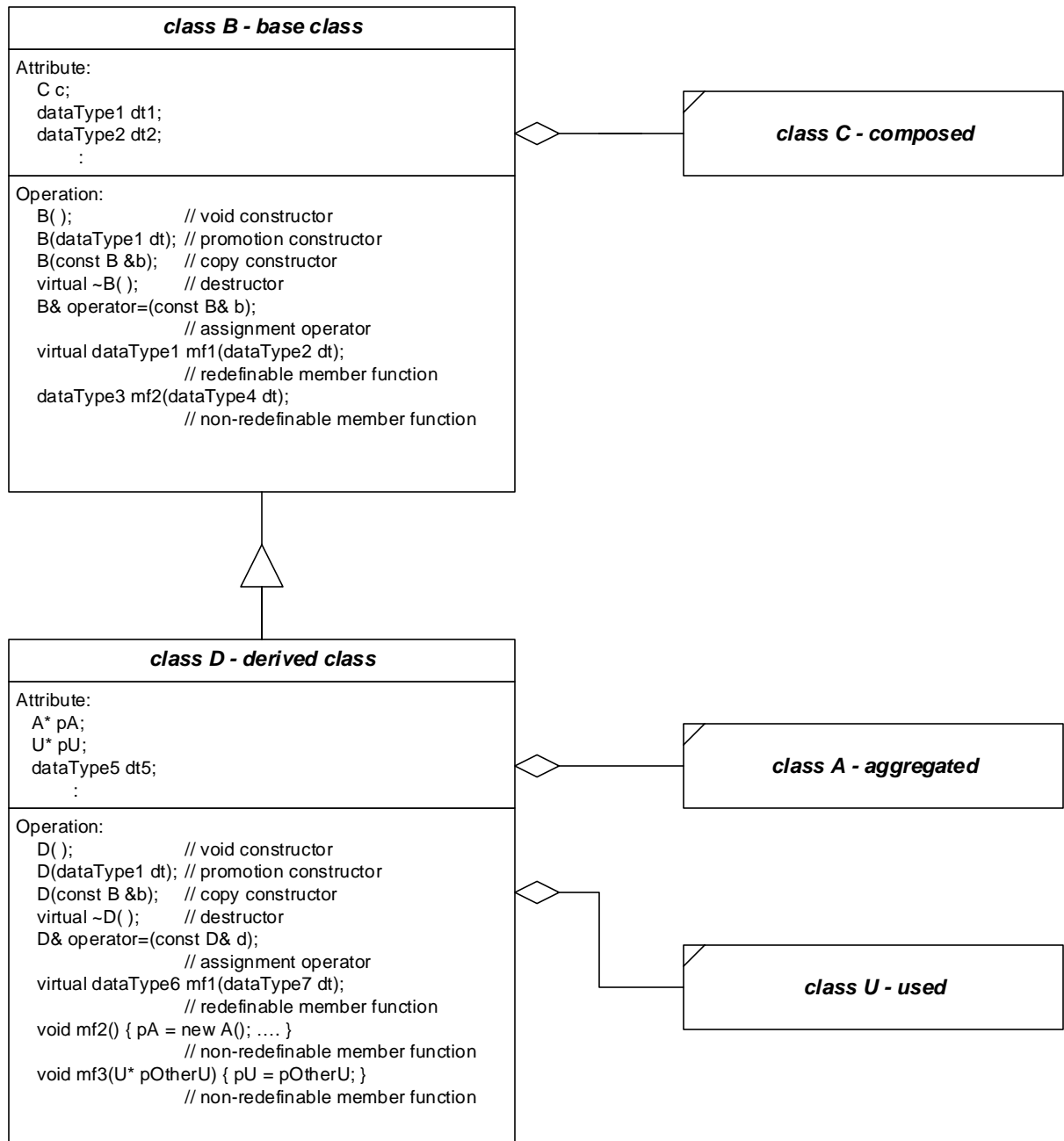


Class Diagram - Class Relationships



- Class D inherits all the data members of B even though they are not cited explicitly in D's attribute list
- D has direct access to any of B's attributes that are declared protected
- no attributes should be declared public (very rare exceptions are made for constants which are logically part of a class and should be visible to clients of the class)
- Class D inherits all the member functions of B except for its constructors, destructor, and assignment operator
- public member functions of B become public member functions of D
- none of the member functions of either C or A become member functions of B or D
- B has access only to A's public member functions
- D has access only to A's and U's public member functions and to C's public member functions if C is declared protected in B