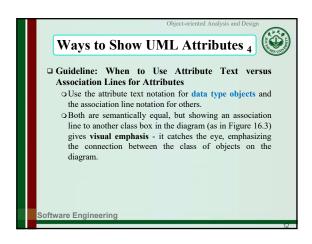
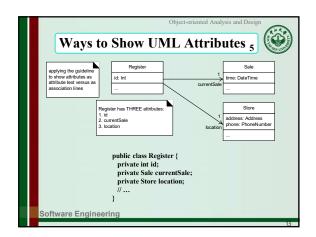
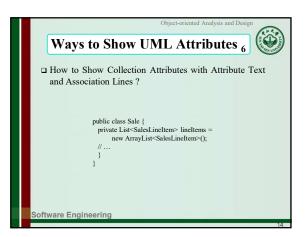


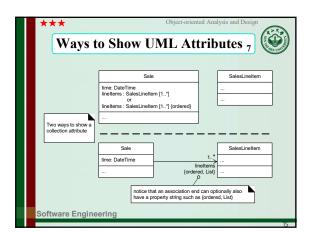
Ways to Show UML Attributes 3

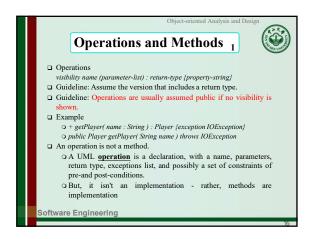
Guideline: When showing attributes-as-associations, follow the style in DCDs, which is suggested by the UML specification. (Fig 16.4 upper)
Guideline: when using class diagrams for a domain model do show association names but avoid navigation arrows, as a domain model is not a software perspective.









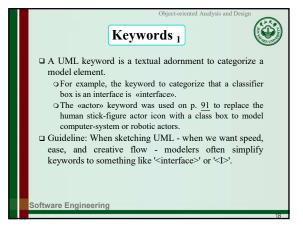


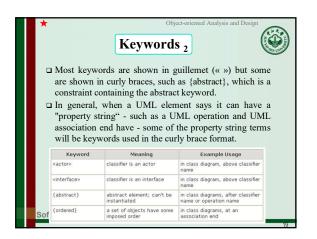
Operations and Methods 2

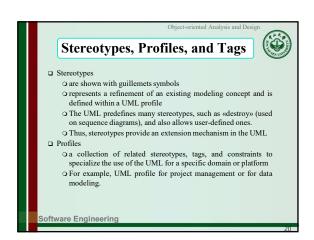
How to Show Methods in Class Diagrams?

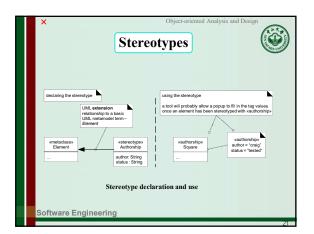
o in interaction diagrams, by the details and sequence of messages
o in class diagrams, with a UML note symbol stereotyped with «method»

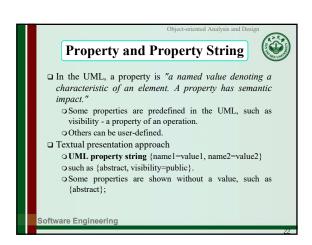
The standard of the symbol stereotyped with a UML note sy

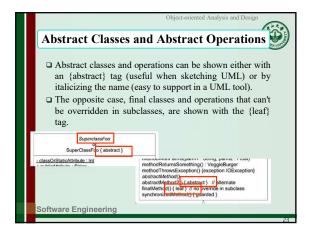


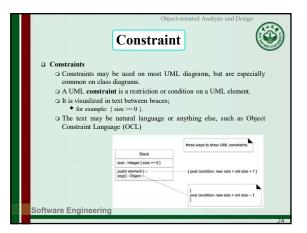


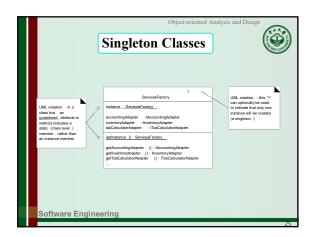


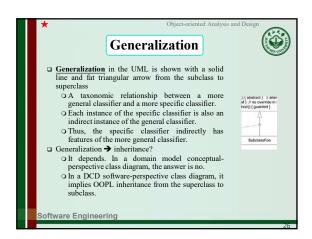


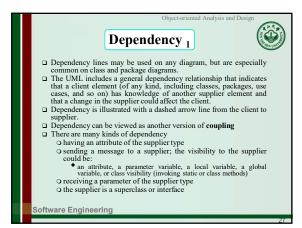


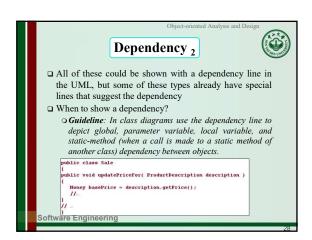


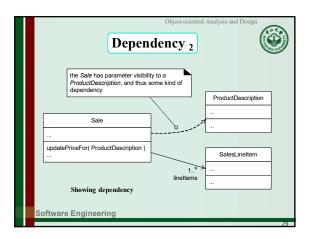


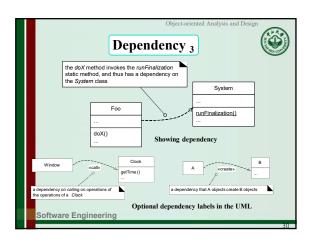


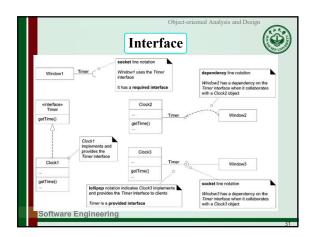


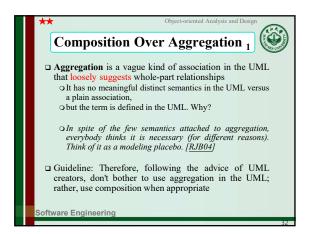












Composition Over Aggregation 2

Composition

Oalso known as composite aggregation, is a strong kind of whole-part aggregation and is useful to show in some models.

OA composition relationship implies that

1) an instance of the part (such as a Square) belongs to only one composite instance (such as a square) belongs to only one composite instance (such as one Board) at a time,
2) the part must always belong to a composite (no free-floating Fingers), and
3) the composite is responsible for the creation and deletion of its parts - either by itself creating/deleting the parts, or by collaborating with other objects.

Guideline: The association name in composition is always implicitly some variation of "Has-part," therefore don't bother to explicitly name the association

