

UML - KNOWLEDGE TEST

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This chapter list down simple questions on UML concepts you just have gone through this tutorial. Based on the given set of questions you can assess yourself to build a good confidence to become an UML expert:

- Can a class diagram show the dynamic behaviour of a system?
- Can deployment diagram be used for forward and reverse engineering?
- Can it be used for forward and reverse engineering?
- Can it represent parallel flow of activities?
- Can we convert statechart diagram to activity diagram?
- Can we use forward engineering in component diagram?
- Can we use the use case diagram for forward and reverse engineering?
- Describe the purpose of use case diagram?
- How object oriented concepts are related to UML?
- Is component diagram representing the dynamic view of a system?
- Name major building blocks of UML?
- Name some scenarios where object diagrams are used?
- Name the three mechanisms in stereotype?
- What are the artifacts of a deployment diagram?
- What are the artifacts used to make a component diagram?
- What are the different UML diagrams?
- What are the different elements of a use case diagram?
- What are the different modeling used in UML?
- What are the elements of an object diagram?
- What are the goals of UML?
- What are the main usages of a deployment diagram?
- What are the notations used in behavioural things?
- What are the notations used in relationships?
- What are the notations used in structural things?
- What are the other four diagrams used in UML for capturing dynamic behaviour of a system?
- What are the structural diagrams and behavioural diagrams?
- What are the usages of sequence and collaboration diagram?
- What do you mean by dynamic behaviour of a system?
- What does an object diagram capture?
- What is OO analysis?

- What is OO design?
- What is a Statechart diagram?
- What is a class diagram?
- What is a constraint rule?
- What is a deployment diagram?
- What is a node?
- What is a reactive system?
- What is a state?
- What is a use case diagram?
- What is an activity diagram?
- What is an event and how it influences the states of an object?
- What is an interaction diagram?
- What is an object diagram?
- What is collaboration diagram?
- What is component diagram?
- What is composition and aggregation?
- What is difference between analysis and design?
- What is generalization and when it is used?
- What is meant by isomorphic?
- What is responsibility of an object?
- What is role of UML in OO analysis and design?
- What is sequence diagram?
- What is static and dynamic view of a system?
- What is structural diagram?
- What is the difference between a class diagram and an object diagram?
- What is the difference between a flow chart and an activity diagram?
- What is the difference between aggregation and composition?
- What is the difference between sequence and collaboration diagram?
- What is the interaction diagrams used in UML?
- What is the main usage of a Statechart diagram?
- What is the main usage of an activity diagram?
- What is the only grouping thing available in UML?
- Why conceptual model is important?
- Why statechart diagram is used?