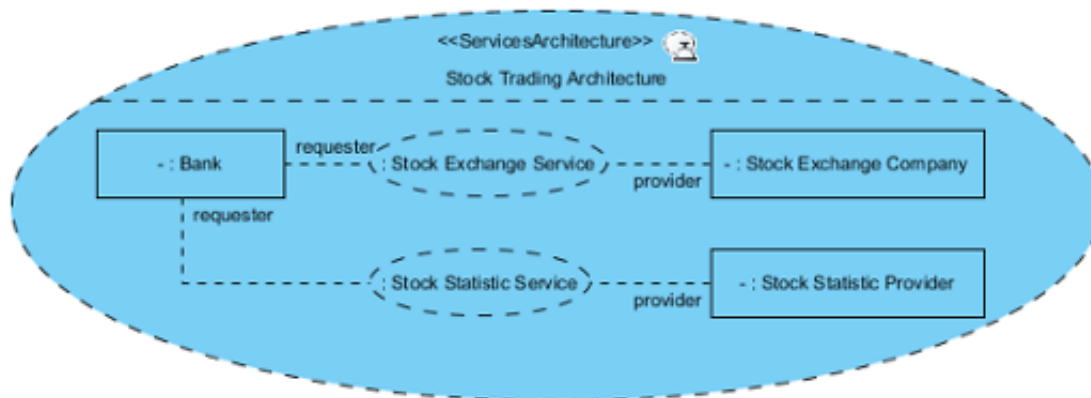


How to draw a Services Architecture Diagram in SoaML

Understanding how people, team and organizations work together for a goal enables them to work more cohesively using services without getting overly coupled. [SoaML](#) enables modelers to build a services architecture model for this purpose. The services architecture put together the service specification and participants, and shows how they work together to achieve a goal.

Services architecture diagram is a SoaML diagram that represents services architecture.



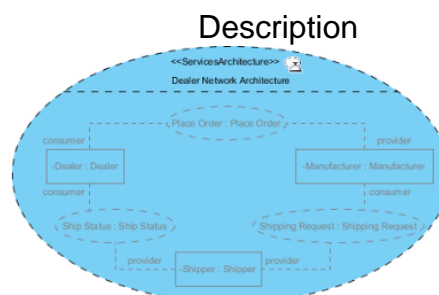
Creating services architecture diagram


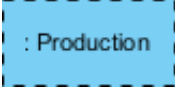

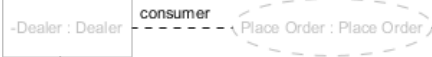
1. Select **Diagram > New** from the application toolbar.
2. In the **New Diagram** window, select **Services Architecture Diagram**.
3. Click **Next**.
4. Enter the diagram name and description. The **Location** field enables you to select a model to store the diagram.
5. Click **OK**.

Notations

The description of notations is either extracted or derived from the OMG SoaML Specification v1.0.1.

Name	Representation
Services Architecture	



Name	Representation	Description
Internal Participant		<p>ServicesArchitecture is represented by the use of a ServiceContract bound to the roles of participants in that architecture.</p>
External Participant		<p>Participants who work together in an architecture.</p> <p>External participant uses the "shared aggregation" feature of UML to show that these roles are external to the architecture while the other roles are internal.</p>
Service Contract Use (CollaborationUse)		<p>A CollaborationUse explicitly indicates the ability of an owning Classifier to fulfill a ServiceContract or adhere to a ServicesArchitecture. A Classifier may contain any number of CollaborationUses that indicate what it fulfills. The CollaborationUse has roleBindings that indicate what role each part in the owning Classifier plays. If the CollaborationUse is strict, then the parts must be compatible with the roles they are bound to, and the owning Classifier must have behaviors that are behaviorally compatible with the ownedBehavior of the CollaborationUse's Collaboration type.</p>
Role Binding		<p>A CollaborationUse contains roleBindings that binds each of the roles of its Collaboration to a part of the containing Classifier.</p>