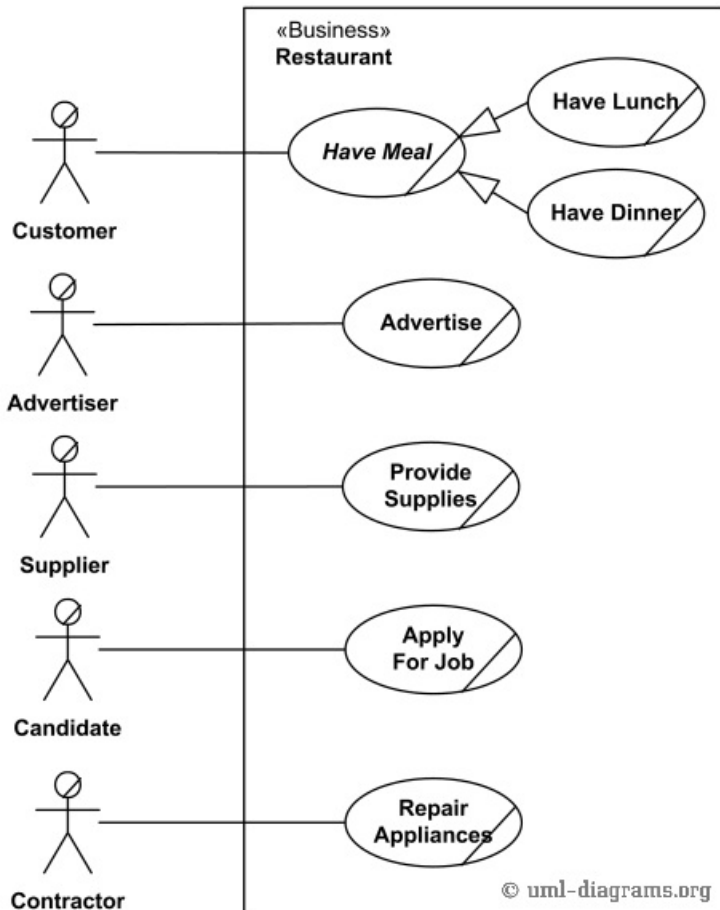


Restaurant

UML Use Case Diagram Example

Here we provide two alternative examples of a **business use case** diagram for a Restaurant, rendered in a notation used by **Rational Unified Process** (RUP).

First example shows **external business view** of a restaurant. We can see several **business actors** having some needs and goals as related to the restaurant and **business use cases** expressing expectations of the actors from the business.



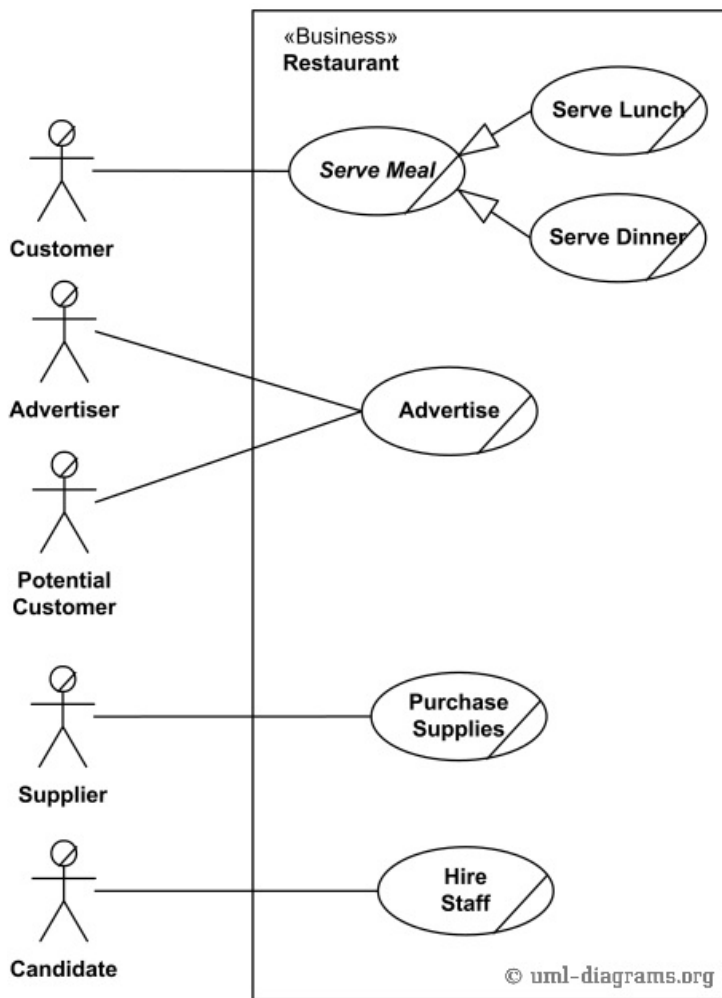
Business use case diagram for Restaurant - External view

For example, **Customer** wants to **Have Meal**, **Candidate** - to **Apply for Job**, and **Contractor** - to fix some appliances. Note, that we don't have such actors as **Chef** or **Waiter**. They are not external roles but part of the business we model - the Restaurant, thus - they are not actors. In terms of RUP Chef and Waiter are **business workers**.

Second example shows **internal business view** of a restaurant. In this case we can see that restaurant has several business processes represented by **business use cases** which provide some services to external **business actors**. As in the previous example, actors have some needs and goals as related to the restaurant.

This approach could be more useful to model services that the business provides to different types of customers, but reading this kind of business use case diagrams could be confusing.

For example, **Customer** is now connected to **Serve Meal** use case, **Supplier** - to **Purchase Supplies**. We have now new actor **Potential Customer** participating in **Advertise** use case by reading ads and getting some information about restaurant. At the same time, **Contractor** actor is gone because **Repair Appliances** is not a service usually provided by restaurants.



Business use case diagram for Restaurant - Internal view

Still, in this example we don't have actors as **Chef** or **Waiter** for the same reasons as before - they both are not external roles but part of the business we model.

Noticed a spelling error? Select the text using the mouse and press Ctrl + Enter.



This document describes **UML 2.5** and is based on **OMG™ Unified Modeling Language™ (OMG UML®) 2.5** specification **[UML 2.5 RTF - Beta 2]**.

All UML diagrams were created in **Microsoft Visio** 2007-2016 using **UML 2.2 stencils**. You can send your comments and suggestions to [webmaster](mailto:webmaster@uml-diagrams.org) at webmaster@uml-diagrams.org.

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