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# The Complete Guide to UML Diagram Types with Examples

Updated on: 11 October 2017

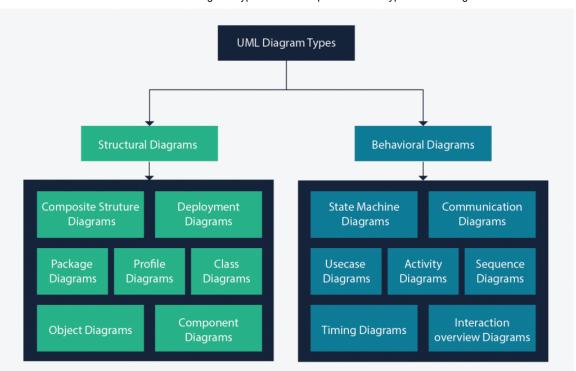
UML stands for **U**nified **M**odeling **L**anguage. It's a rich language to model software solutions, application structures, system behavior and business processes. There are **14 UML diagram types** to help you model these behaviors.

You can draw UML diagrams online (https://creately.com/Draw-UML-and-Class-Diagrams-Online? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts) using our software, or check out some UML diagram examples at our diagramming community.

## **List of UML Diagram Types**

So what are the different UML diagram types? There are two main categories; **structure diagrams** and **behavioral diagrams**. Click on the links to learn more about a specific diagram type.

- · Structure Diagrams
  - Class Diagram
  - o Component Diagram
  - o Deployment Diagram
  - o Object Diagram
  - o Package Diagram
  - o Profile Diagram
  - o Composite Structure Diagram
- · Behavioral Diagrams
  - Use Case Diagram
  - Activity Diagram
  - o State Machine Diagram
  - Sequence Diagram
  - o Communication Diagram
  - o Interaction Overview Diagram
  - o Timing Diagram



Structure diagrams show the things in the modeled system. In a more technical term, they show different objects in a system. Behavioral diagrams show what should happen in a system. They describe how the objects interact with each other to create a functioning system.

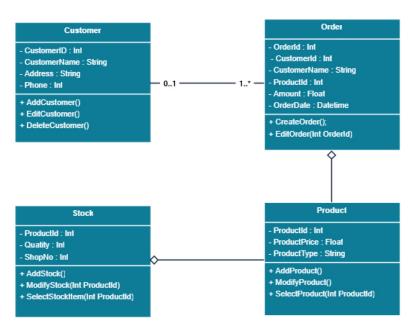
## **Class Diagram**

Class diagrams are the main building block of any object oriented solution. It shows the classes in a system, attributes, and operations of each class and the relationship between each class.

In most modeling tools, a class has three parts. Name at the top, attributes in the middle and operations or methods at the bottom. In a large system with many related classes, classes are grouped together to create class diagrams. Different relationships between classes are shown by different types of arrows.

Below is an image of a class diagram. Follow the link below for more class diagram examples or get started instantly with our class diagram templates (https://creately.com/diagram-type/templates/class-diagram? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts).

## Class Diagram for Order Processing System



(https://creately.com/creately-start?

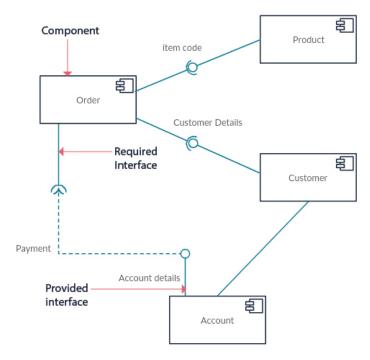
tempID=gsxncbybu&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

Click on the image to edit the above class diagram (opens in new window)

Get More UML Class Diagram Examples >> (https://creately.com/diagramcommunity/examples/t/class-diagram? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Component Diagram**

A component diagram displays the structural relationship of components of a software system. These are mostly used when working with complex systems with many components. Components communicate with each other using interfaces (http://en.wikipedia.org/wiki/Interface\_(object-oriented\_programming)). The interfaces are linked using connectors. The image below shows a component diagram.



(https://creately.com/creately-start?

tempID=gqz0nrua1&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

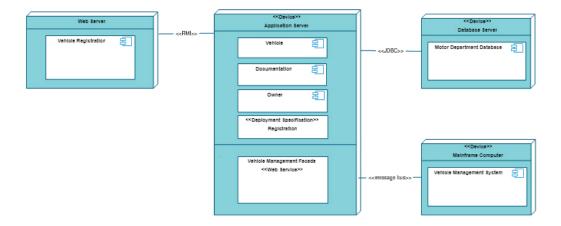
You can use this component diagram template by clicking on the image

Get More Component Diagram Templates >> (https://creately.com/diagramcommunity/examples/t/component-diagram? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Deployment Diagram**

A deployment diagram shows the hardware of your system and the software in that hardware. Deployment diagrams are useful when your software solution is deployed across multiple machines with each having a unique configuration. Below is an example deployment diagram.

## Deployment Diagram For a Vehicle Registration System



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tempID=gsx1cnemh&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

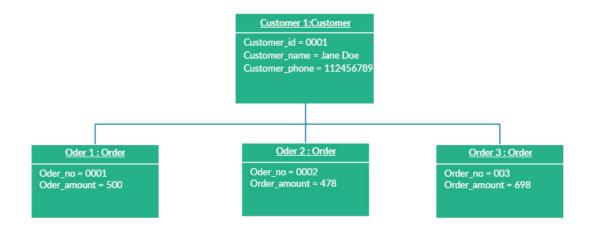
Click on the image to use this deployment diagram as a template

Get More Deployment Diagram Templates >> (https://creately.com/diagramcommunity/examples/t/deployment-diagram? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Object Diagram**

Object Diagrams, sometimes referred to as Instance diagrams are very similar to class diagrams. Like class diagrams, they also show the relationship between objects but they use real world examples.

They show how a system will look like at a given time. Because there is data available in the objects, they are used to explain complex relationships between objects.



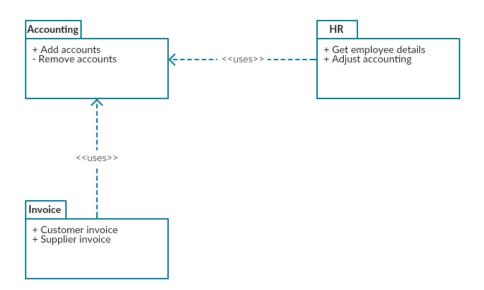
(https://creately.com/creately-start?
tempID=gsxghfo2f&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

Click on the image to use the object diagram as a template

Get More Object Diagram Templates >> (https://creately.com/diagramcommunity/popular/t/object-diagram? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## Package Diagram

As the name suggests, a package diagram shows the dependencies between different packages in a system. Check out this wiki article (http://en.wikipedia.org/wiki/Package\_diagram) to learn more about the dependencies and elements found in package diagrams.

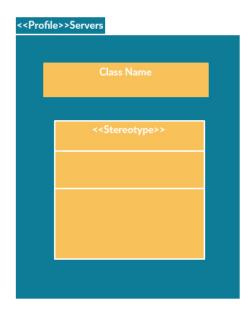


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tempID=j5xitrro1&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Profile Diagram**

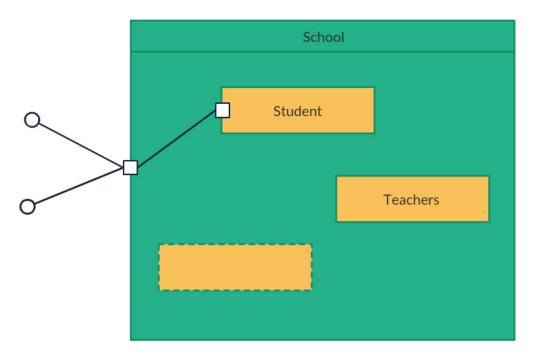
Profile diagram is a new diagram type introduced in UML 2. This is a diagram type that is very rarely used in any specification. For more detailed technical information about this diagram type, **check this link (http://www.uml-diagrams.org/profile-diagrams.html)**.



(https://creately.com/creately-start? tempID=j6dbkbqz2&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Composite Structure Diagram**

Composite structure diagrams are used to show the internal structure of a class. For a detailed explanation of **composite** structure diagrams, click here (http://www.uml-diagrams.org/composite-structure-diagrams.html).

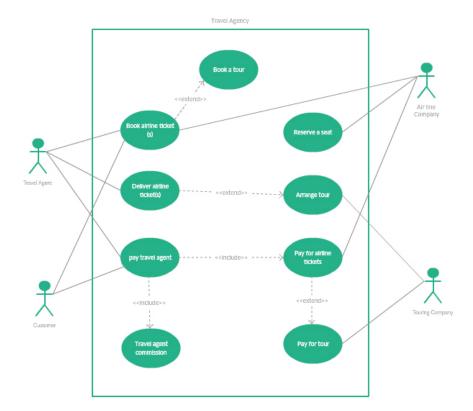


(https://creately.com/creately-start? tempID=j5xitrro2&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Use Case Diagram**

As the most known diagram type of the behavioral UML diagrams, Use case diagrams give a graphic overview of the actors involved in a system, different functions needed by those actors and how these different functions interact.

It's a great starting point for any project discussion because you can easily identify the main actors involved and the main processes of the system. You can **create use case diagrams (https://creately.com/diagram-type/use-case?**utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts) using our tool and/or get started instantly using our use case templates.



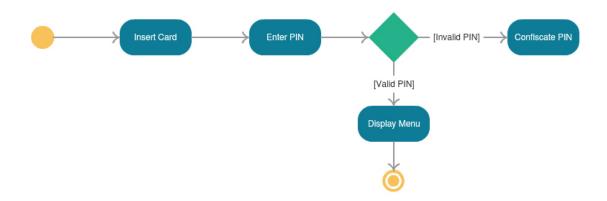
(https://creately.com/creately-start?
tempID=gsxncbyb2&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

Click on the image to edit this template

Get More Use Case Diagram Examples >> (https://creately.com/diagramcommunity/examples/t/use-case? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Activity Diagram**

Activity diagrams represent workflows in a graphical way. They can be used to describe the business workflow or the operational workflow of any component in a system. Sometimes activity diagrams are used as an alternative to State machine diagrams. Check out this wiki article (http://en.wikipedia.org/wiki/Activity\_diagram) to learn about symbols and usage of activity diagrams.

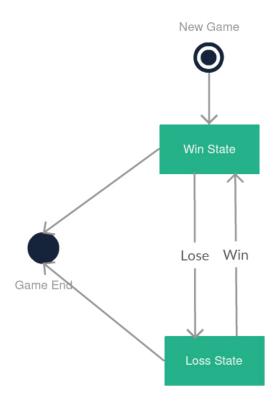


(https://creately.com/creately-start? tempID=gsxhmadt1&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

Get More Activity Diagram Templates >> (https://creately.com/diagramcommunity/examples/t/activity-diagram? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **State Machine Diagram**

State machine diagrams are similar to activity diagrams, although notations and usage change a bit. They are sometimes known as state diagrams or state chart diagrams as well. These are very useful to describe the behavior of objects that act differently according to the state they are in at the moment. The State machine diagram below shows the basic states and actions.



(https://creately.com/creately-start? tempID=gsxghfo2g&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

Get More State Chart Diagram Examples >> (https://creately.com/diagramcommunity/examples/t/state-chart? utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

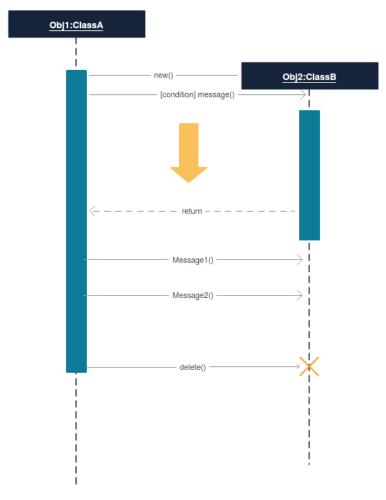
State Machine diagram in UML, sometimes referred to as State or State chart diagram

## Sequence Diagram

diagrams.

Sequence diagrams in UML show how objects interact with each other and the order those interactions occur. It's important to note that they show the interactions for a particular scenario. The processes are represented vertically and interactions are shown as arrows. This article explains the purpose and the basics of Sequence diagrams (https://creately.com/blog/diagrams/the-basics-the-purpose-of-sequence-diagrams-part-1/). Also, check out this complete Sequence Diagram Tutorial (https://creately.com/blog/diagrams/sequence-diagram-tutorial/) to learn more about sequence

You can also instantly start drawing using our sequence diagram templates (https://creately.com/diagram-community/examples/t/sequence-diagram?utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts).



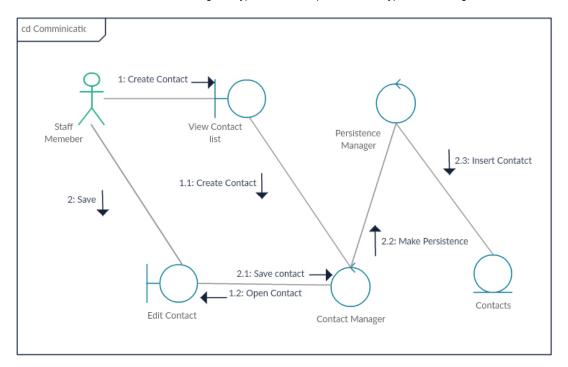
(https://creately.com/creately-start? tempID=gsx1cnemi&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## Sequence diagram drawn using Creately

## **Communication Diagram**

In UML 1 they were called collaboration diagrams. They are similar to sequence diagrams, but the focus is on messages passed between objects. The same information can be represented using a sequence diagram and different objects. Click here to understand the differences using an example

(http://www.sparxsystems.com/resources/uml2\_tutorial/uml2\_communicationdiagram.html).

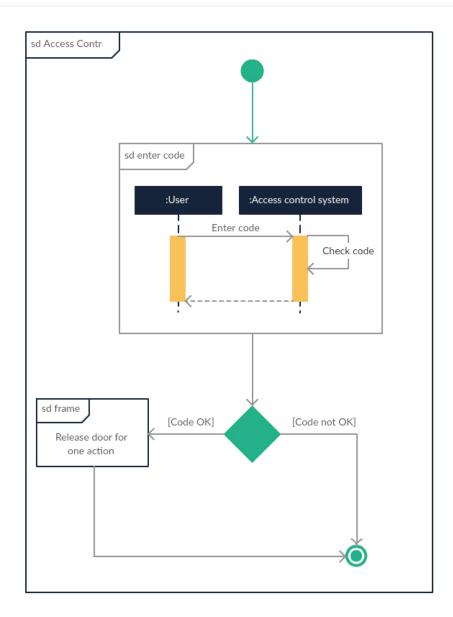


(https://creately.com/creately-start? tempID=j634oa3j3&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Interaction Overview Diagram**

Interaction overview diagrams are very similar to activity diagrams. While activity diagrams show a sequence of processes, Interaction overview diagrams show a sequence of interaction diagrams.

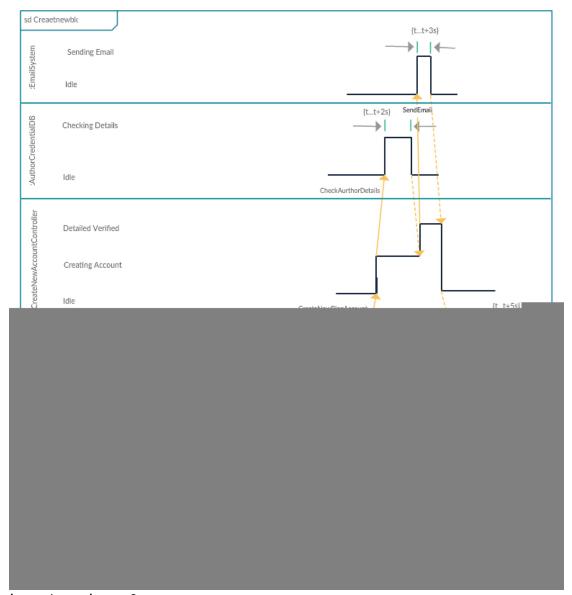
They are a collection of interaction diagrams and the order they happen. As mentioned before, there are seven types of interaction diagrams, so any one of them can be a node in an interaction overview diagram. (image – http://www.sa-depot.com/?page\_id=645 (http://www.sa-depot.com/?page\_id=645))



(https://creately.com/creately-start? tempID=j634oa3j4&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

## **Timing Diagram**

Timing diagrams are very similar to sequence diagrams. They represent the behavior of objects in a given time frame. If it's only one object, the diagram is straight forward. But, if there is more than one object is involved, a Timing diagrams can be used to show interactions between objects during that time frame. (image – http://blog.tangcs.com/2008/01/10/uml-2-diagrams/ (http://blog.tangcs.com/2008/01/10/uml-2-diagrams/))



(https://creately.com/creately-start?

tempID=j634oa3j5&utm\_source=umltypes&utm\_medium=blog&utm\_campaign=tutorialposts)

Mentioned above are all the UML diagram types. UML offers many diagram types, and sometimes two diagrams can explain the same thing using different notations.

Check this blog post to learn which UML diagram best suits you (https://creately.com/blog/diagrams/part-2-what-type-of-uml-diagram-should-you-be-using/). If you have any questions or suggestions, feel free to leave a comment.

 $UML\ 2\ diagram\ types\ (https://creately.com/blog/tag/uml-2-diagram-types/)$ 

UML behavioral diagrams (https://creately.com/blog/tag/uml-behavioral-diagrams/)

UML diagram types (https://creately.com/blog/tag/uml-diagram-types/)

UML interaction diagrams (https://creately.com/blog/tag/uml-interaction-diagrams/)

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Sequence Diagram Tutorial: Complete Guide with Examples (https://creately.com/blog/diagrams/sequence-diagram-tutorial/)



(https://creately.com/blog/diagrams/er-diagrams-tutorial/)

Ultimate Guide to ER Diagrams (Entity Relationship Diagrams) (https://creately.com/blog/diagrams/er-diagrams-tutorial/)

## **Author**



#### Nishadha

Software engineer turned tech evangelist. I handle marketing stuff here at Creately including writing blog posts and handling social media accounts. In my spare time I love to read and travel. Check out my personal blog Rumbling Lankan (http://rumblinglankan.com) where I write about online marketing stuff.

View all posts by Nishadha → (https://creately.com/blog/author/nish/)

## Comments

## priya palkar

plz send me uml diagram for online bus reservation system

19.04.2018 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-55952) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=55952#respond)

## Amanda Athuraliya

Hi Priya, check our community for various UML diagram types examples. Here's the link https://creately.com/diagram-community/popular)

25.04.2018 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-56063) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=56063#respond)

#### Ramesh

Thanks!!!

25.01.2018 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-54364) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=54364#respond)

#### Guilherme

Is there a UML model that exemplifies a nightclub system?

04.05.2017 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-51420) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=51420#respond)

### shiferaw

it is very nice but there is no clear idea in database design and physical design

07.03.2017 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-50855) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=50855#respond)

#### christian

aspect where models are used. can someone answer

13.10.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-49638) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=49638#respond)

#### Prasanth

Information is brief and helpful for basic knowledge of UML diagrams. Thank you.

20.09.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-49458) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=49458#respond)

## Maharani

First comment was in 2012. Ahh, where're I at that time ...

Thank you! It's very useful and easy to study. If I find this earlier ...

Thanks you!

06.09.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-49358) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=49358#respond)

### ppkmano

Wow it is very use full and easy to study...



Thnkq lot...

14.08.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-49161) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=49161#respond)

### Janie

which UML version does this tool currently support?

10.05.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-48387) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=48387#respond)

Nishadha (http://rumblinglankan.com)

Hi Janie.

We currently support most of the features in UML 2. Is there any specific feature that you require?

11.05.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-48393) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=48393#respond)

#### Gau

I need help in sequence diagram for smart city app..can anyone help me

08.04.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-48117) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=48117#respond)

#### mina

I need chart which summarizes the history of the evolution of UML until 2016?

08.04.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-48115) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=48115#respond)

## Alysha Stanger

Valuable discussion! I loved the information. Does someone know if my business can get ahold of a sample AZ SOS Recall Petition document to fill in?

27.01.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-47452) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=47452#respond)

#### **Aparna Sutheesh**

it help to easy to study it..... thanqqqqqqqq. .....thanqqqqqqqq.

16.01.2016 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-47368) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=47368#respond)

#### test

thank you very much, before midterm its like heaven

10.11.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-46870) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=46870#respond)

#### **PlanetB**

Any idea how a MF/legacy system will use UML diagrams...or what is the best way to use some of these diagrams for this environment.

30.10.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-46793) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=46793#respond)

### **Azmath Mohamad**

simple and clear, thanks.

10.09.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-46432) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=46432#respond)

#### **KABIR**

So educative, more grease to your elbow.

25.08.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-46284) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=46284#respond)

#### prem g

it help to easy to study it

14.08.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-46194) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=46194#respond)

### Akshay Akin

This this very supportive for me. I just wa to know is there a way to see the UML diagram from multiple python source files. We have a hierarchy of classes spread in a package. How can I see the diagram for entire package?

04.06.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-45633) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=45633#respond)

#### Usman sani

It's very help the learner, thank u much.

16.05.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-45481) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=45481#respond)

#### utoken

Hurrah! After all I got a webpage from where I can really get useful facts regarding my study and knowledge.

29.04.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-45318) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=45318#respond)

#### Raul

Brilliant article!

Thanks a lot!

Very easy to understand!

Keep it going on mate!

22.04.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-45234) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=45234#respond)

#### Patrik Fuhrmann

Nice article. Only if there was use for all of these in real software projects. Seriously, who is using all of these, NASA? In reality maybe sequence and class diagrams are used (at most).

11.04.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-45167) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=45167#respond)

#### Hamza Ashraf

help in studt thanks

11.03.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-44832) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=44832#respond)

#### Inko

a good article. was very helpful thanks

03.02.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-44626) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=44626#respond)

### shashi jha

very easy to understand thanks

16.12.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-44349) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=44349#respond)

#### Simon okello

thank you very much brother hope through hard work every thing is possible

10.12.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-44300) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=44300#respond)

#### mwas

helpful in did, thank you.

27.11.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-44164) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=44164#respond)

## sanket

wow !!!!!!!!

07.10.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-43696) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=43696#respond)

## Sachin

very useful article ... thanks for sharing

26.08.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-43394) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=43394#respond)

## Francesco

There's an error here: "In large systems with many classes related classes are grouped together to to create class diagrams."

Thanks for the article.

10.08.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-43278) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=43278#respond)

#### Nishadha

Hi Francesco, can you please explain the error there? A class diagram is a collection of classes so I feel the sentence is correct. Do think its confusing or misleading? Thanks for the feedback.

12.08.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-43292) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=43292#respond)

#### Francesco

Maybe it's just confusing because you're not using any punctuation. Please correct me if I'm wrong but I guess this is what you wanted to say: "In large systems with many classes related, (comma) classes are grouped together to (the second "to" here should be removed) create class diagrams."

12.08.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-43295) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=43295#respond)

### Nishadha

Hi Francesco, agree that it is misleading and confusing. Thanks for pointing it out and I have modified the article. Hope you enjoyed the article.

12.08.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-43297) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=43297#respond)

#### Francesco

Yes I did, it's definitely useful 🙂

12.08.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-43298) -

## raj

Hi,

This is a very helpful and compact article. Thank you boss..:)

18.07.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-43084) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=43084#respond)

## Sai

Thanks a lot dear! Much Appreciated!

09.06.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42802) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42802#respond)

#### MUJAHI

This is really a splendid job

07.05.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42599) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42599#respond)

## Manohar Tn

I am an Engineering Student This Arun Kumar Notes U have Gives is very informative Sir...

06.05.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42597) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42597#respond)

## Ali Danbatta

hi, this is wonderful job keep up.

15.04.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42340) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42340#respond)

#### **Bashir**

Hi Nishada,

what a very helpful note you have given! I have a question. Pls can UML diagrams be used for the understanding of problem domain? if yes, please explain.

Thanks.

Kind regards

03.04.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42243) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42243#respond)

#### **Osama**

This is really an awesome article.. thanks buddy

01.04.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42232) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42232#respond)

### erwik (http://carnet-roliste-blog-jeux-de-role.fr/)

Ouite useful even if we don't need all schemas

11.03.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42083) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42083#respond)

#### Carla

Very nice and clean explanation. UML made easy!

Thank you.

02.03.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42012) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42012#respond)

#### Maria Barket

tomorrow is my exam .. n it helps me a lot ..stay blessed 🙂



#### saran

it's very useful for me, Thanks a lot

23.01.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41774) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41774#respond)

#### Robinson.moat

Hi

very help in business plan and safe time.

22.01.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41760) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41760#respond)

#### M.Prakash

Thank you. Nice Article.

20.01.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41750) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41750#respond)

## kiqobad

Hi Nishadha ,Have seen many UML diagram before, however, the way to put it all together and characterize them is very important as the author has done it here. Very nice way to represent and identify them.thanks very thanks...of iran kelardasht good time

04.01.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41637) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41637#respond)

#### deepika

its very useful....without book we easily got ...idea

24.12.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41575) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41575#respond)

### felixi

i love your piece on UML, hope it help me with my exams tomorrow. Really appreciate your generousity

16.12.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41533) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41533#respond)

#### Bhavin

Have seen many UML diagram before, however, the way to put it all together and characterize them is very important as the author has done it here. Very nice way to represent and identify them. Enjoyed it...

08.12.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41485) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41485#respond)

## Tinda

much impressive task for learning

25.11.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41387) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41387#respond)

### Carci

07.11.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41270) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41270#respond)

### York

hi man, very nice job. thx a lot~

09.10.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41150) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41150#respond)

R.S.

Very helpful for beginners and easy to include in interview facing process.

04.10.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41127) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41127#respond)

#### suhas

this very useful for the understanding the uml concept

24.09.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41089) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41089#respond)

#### Shahbaz

#### Most Effective notes

22.09.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41081) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41081#respond)

#### mass milce

many types of UML diagrams

information contained highly detailed easy to understand

18.09.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41063) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41063#respond)

#### Bindhu Madhuri

very helpful, u made my day!!!

02.09.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41008) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41008#respond)

#### Avadhut

Great stuff. Thanks a lot.

01.09.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-41007) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=41007#respond)

## DIYA

thksss a lottt

24.08.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40985) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40985#respond)

#### sachin

many types of UML diagrams

information contained highly detailed easy to understand

03.08.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40960) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40960#respond)

#### **Shobhit**

That was pretty informative stuff, and you sire explained it pretty easily!

15.07.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40941) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40941#respond)

#### anonimous

Receive your great thanks. This is great work , thank you!!! continue posting others articles like this.

### YOUR CUSTOMER

14.06.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40883) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40883#respond)

### Madeea

thanks this article is very helpful and easy to understand...great work

06.06.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40870) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40870#respond)

### Nishadha

Hi Fabio.

As I have listed down in the article, there are 14 UML diagram types in UML 2.0

 $28.05.2013 \ (https://creately.com/blog/diagrams/uml-diagram-types-examples/\#comment-40862) - {\it reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40862\#respond)}$ 

### Fabio

Hi Nishadha, I find this very helpful and easy to understand, but I have a question about the number of Diagram, I read this http://www.omg.org/gettingstarted/what\_is\_uml.htm and I found "..representing the results using UML 2.0's thirteen standard diagram types." 13 or 14?

28.05.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40860) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40860#respond)

#### Kanker Serviks

many types of UML diagrams

information contained highly detailed easy to understand

14.05.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40845) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40845#respond)

## Balambigai

Simple and easy to understand

07.05.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40820) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40820#respond)

### josphat

superb.this page is eye catching.kudos quality stuff

05.05.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40817) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40817#respond)

## Miguel

Hi,

what would you suggest if you want to build a diagram in which would be displyed a student grades; minimum grades to to pass a exam; final result pass or fail

28.04.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40806) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40806#respond)

#### Marzio

Great explanation! My compliments. Simple and expressive.

20.04.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40797) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40797#respond)

#### nisha

thank u very much 4 ur article... its very helpful

06.04.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40762) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40762#respond)

#### shivam tiwari

Its very helpful site

01.04.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40751) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40751#respond)

## shivamtiwari (https://creately.com)

its very helpful uml diagram

01.04.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40750) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40750#respond)

## krish

thank u lots...its v helpful to understand:-)

06.03.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40723) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40723#respond)

## iswarya

really helpful... thank yu so much :):)





13.02.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40697) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40697#respond)

## gopinath

thanks

very helpful

01.02.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40640) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40640#respond)

## Puvanarajan

Thank you so much....



30.01.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40629) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40629#respond)

#### parikshita

Hello Nishadha,

Thank you for the very nice article.

Cheers!!

PP

25.01.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40618) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40618#respond)

### Abi

hi nishadha,

its very useful and very easy for understanding..

**Thanks** 

22.01.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40600) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40600#respond)

## Nishadha

Hi Varun,

I haven't used MATLAB so not sure what exactly you mean by develop logic using UML. Can you explains it a bit further?

 $07.01.2013 \ (https://creately.com/blog/diagrams/uml-diagram-types-examples/\#comment-40539) - {\it reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40539\#respond)}$ 

## Varun

Hello Nishadha,

Thank you for the very nice article.

I have a question, is it possible in any way that we can develop logic using UML for example we can develop a logic using MATLAB.

Thanks.

05.01.2013 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40522) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40522#respond)

## nishchala (http://google)

nice one...really useful

29.12.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40493) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40493#respond)

#### sunny kandola

its really helpful ... thanks

17.12.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40453) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40453#respond)

### Nishadha

Good morning, Clark. I apologize for the mistakes. Thanks for taking the time to point them out. I have corrected them now. Enjoy the article and hope you got some value from it.

14.12.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40433) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40433#respond)

#### akmg

By using 1 case study if you make these 14 diagrams then it will very helpful now it is although good but if you do like i say you then it much be better ...! nice work

06.06.2014 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-42781) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=42781#respond)

### Clark (http://na)

Good morning, Nishadha. I like the presentation of this information since it provides brief explanations and examples and links to greater detail.

I did notice that a few of your shortcut links up top are broken. Near the very beginning of your UML diagram types page you provide a numbered list of diagram types. Each link is supposed to take me to the brief explanation and example, but numbers 7, 10, and 14 don't work. Number 13 actually takes me to the location for number 14.

Overall, this is a convenient presentation. Thanks.

14.12.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40427) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40427#respond)

#### gowri (http://www.umldiagrams.com)

super and easy to understand

13.12.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40426) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40426#respond)

## gowri (http://www.umldiagrams.com)

super,its easy to understand for student

13.12.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40425) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40425#respond)

## ramakanta (http://nedy459@gmail.com)

it is good to see

30.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-40360) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=40360#respond)

#### priyanka

thankzzzz...vry informative and quick to learn!!!!

20.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-39801) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=39801#respond)

## umer (http://google)

very good explained

18.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-39454) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=39454#respond)

## lina (http://facebook)

like the way u in 🙂

17.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-39275) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=39275#respond)

## Alexander Santiale (http://www.hwatai.com.tw)

Thank you for the clear diagrams and explanations.

16.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-39162) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=39162#respond)

#### daddyEleven (http://www.angeldesign.sk)

very well explained

08.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-37819) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=37819#respond)

## zubair

#### awesome

06.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-37511) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=37511#respond)

#### kiran

it's simple and understandable

05.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-37341) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=37341#respond)

## m.nandhini

it's easy to understand

02.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-36898) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=36898#respond)

## T.Pugazharasan

Thankz its usefull 4 my studies.. thankz u....

02.11.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-36795) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=36795#respond)

#### indhu

its very helpful to me......

30.10.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-36439) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=36439#respond)

#### anish

simple and helpfull......Thanks a lot.

13.10.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-34338) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=34338#respond)

## Arnab Chakraborty (http://www.arnabchakraborty.in)

Looking for such documents for a long. Will also help me to conduct the training programs as well.

Thanks a lot.

12.10.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-34244) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=34244#respond)

## satya (http://satyabhamasahoo.com)

very helpful ...

02.10.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-33594) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=33594#respond)

#### Rupali Matkar

It's easy to understand... Thanks a lot...

02.10.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-33528) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=33528#respond)

## sakhile tembe (http://www.unizul.ac.za)

very helpful n eseasy to underatand

28.09.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-33337) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=33337#respond)

## Stig Andersen (http://www.stigandersen.name)

This is a very helpful overview with manyuseful links. Thanks alot for your effort.

27.09.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-33288) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=33288#respond)

## Design Process Fall 2012 - UML Diagrams (http://teaching.beckyheritage.com/2012/08/25/uml-diagrams/)

[...] The Completed Guide with UML Diagrams and examples by Creately (flowcharts, wireframes, UML, mindmaps, and more) [...]

26.08.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-32574) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=32574#respond)

### bittu (http://gmail)

its really helping us to provide a lot of info we are gaining from it....

15.08.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-32547) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=32547#respond)

## Remya S

very helpful to me, thankzzzzzzz

23.07.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-32480) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=32480#respond)

## Priyanshu

Good job I like it ....

12.01.2015 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-44511) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=44511#respond)

#### sahil sharma

very helpful.....could have been better for beginners if each symbols were explained first....

12.05.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-32310) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=32310#respond)

#### Kakoli Das

its very helpful n easy 2 understand, thanx a lot......

28.04.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-32265) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=32265#respond)

## Class Diagram Relationships UML (https://creately.com/blog/diagrams/class-diagram-relationships/)

[...] particular system using the conventions set by the Unified Modeling Language (UML). Out of all the UML diagram types it is one of the most used ones. System designers use class diagrams as a way of simplifying how [...]

24.04.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-32149) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=32149#respond)

## **Thomas**

Very Helpful Thanks.....

18.04.2012 (https://creately.com/blog/diagrams/uml-diagram-types-examples/#comment-32077) - reply (https://creately.com/blog/diagrams/uml-diagram-types-examples/?replytocom=32077#respond)

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Features (/tour)	
Examples (/diagram-examples)	
Community (/diagram-community/popular)	
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