

## Example diagrams

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# File tree view



Sadly, this is only available in AsciidocFX for now. So use the editor to produce the image, then import it as-is in your document.

```
cg-asciidoc-sample
├── pom.xml
├── src
│   ├── docs
│   │   ├── asciidoc
│   │   │   ├── asciidoc-syntax-reference.adoc
│   │   │   ├── images
│   │   │   │   ├── pause.png
│   │   │   │   ├── play.png
│   │   │   │   └── sunset.jpg
│   │   │   ├── themes
│   │   │   │   ├── cg-theme.yml
│   │   │   │   ├── favicon.png
│   │   │   │   └── logo-pdf.png
│   │   │   └── includes
│   │   │       ├── attrs-charref.adoc
│   │   │       ├── attrs-env.adoc
│   │   │       ├── ex-table-data.adoc
│   │   │       └── ex-table.adoc
│   └── scripts
│       └── asciidocHistory.sh
```

```
root
├── photos
│   ├── camp.gif
│   ├── festival.png
│   └── balloon.jpg
├── videos
│   ├── car-video.avi
│   ├── dance.mp4
│   ├── dance01.mpg
│   ├── another video.divx
│   └── school videos
│       └── firstday.flv
├── documents
│   ├── jsfile.js
│   ├── powerpoint.ppt
│   ├── chapter-01.asc
│   ├── archive-db.zip
│   ├── .gitignore
│   ├── README
│   └── configuration.conf
└── etc.
```

# Sequence diagram

== Initialization ==

Alice -> Bob: Authentication Request  
Bob --> Alice: Authentication Response

== Repetition ==

Alice -> Julie: Another authentication Request  
Alice <-- Julie: another authentication Response

More examples : <http://plantuml.com/sequence-diagram>

# Use cases diagram

```
left to right direction
skinparam packageStyle rectangle
actor customer
actor clerk
rectangle checkout {
    customer -- (checkout)
    (checkout) .> (payment) : include
    (help) .> (checkout) : extends
    (checkout) -- clerk
}
```

More examples : <http://plantuml.com/use-case-diagram>

# Classes diagram

```
class BaseClass

namespace net.dummy #DDDDDD {
    .BaseClass <|-- Person
    Meeting o-- Person

    .BaseClass <|-- Meeting
}

namespace net.foo {
    net.dummy.Person <|-- Person
    .BaseClass <|-- Person

    net.dummy.Meeting o-- Person
}

BaseClass <|-- net.unused.Person
```

More examples : <http://plantuml.com/class-diagram>

# Activities diagram

```

start
:ClickServlet.handleRequest();
:new page;
if (Page.onSecurityCheck) then (true)
  :Page.onInit();
  if (isForward?) then (no)
    :Process controls;
    if (continue processing?) then (no)
      stop
    endif
  endif

  if (isPost?) then (yes)
    :Page.onPost();
  else (no)
    :Page.onGet();
  endif
  :Page.onRender();
endif
else (false)
endif

if (do redirect?) then (yes)
  :redirect process;
else
  if (do forward?) then (yes)
    :Forward request;
  else (no)
    :Render page template;
  endif
endif
endif

stop

```

More examples : <http://plantuml.com/activity-diagram-beta>

## Components diagram

```

package "Some Group" {
  HTTP - [First Component]
  [Another Component]
}

node "Other Groups" {
  FTP - [Second Component]
  [First Component] --> FTP
}

cloud {
  [Example 1]
}

database "MySql" {
  folder "This is my folder" {
    [Folder 3]
  }
  frame "Foo" {
    [Frame 4]
  }
}

[Another Component] --> [Example 1]
[Example 1] --> [Folder 3]
[Folder 3] --> [Frame 4]

```

More examples : <http://plantuml.com/component-diagram>

## States diagram

```
scale 600 width

[*] -> State1
State1 --> State2 : Succeeded
State1 --> [*] : Aborted
State2 --> State3 : Succeeded
State2 --> [*] : Aborted
state State3 {
    state "Accumulate Enough Data\nLong State Name" as long1
    long1 : Just a test
    [*] --> long1
    long1 --> long1 : New Data
    long1 --> ProcessData : Enough Data
}
State3 --> State3 : Failed
State3 --> [*] : Succeeded / Save Result
State3 --> [*] : Aborted
```

More examples : <http://plantuml.com/state-diagram>

## Objects diagram

```
object Object01
object Object02
object Object03
object Object04
object Object05
object Object06
object Object07
object Object08

Object01 <|-- Object02
Object03 *-- Object04
Object05 o-- "4" Object06
Object07 .. Object08 : some labels
```

More examples : <http://plantuml.com/object-diagram>

## User interface

```

@startsalt
{+
{* File | Edit | Source | Refactor
  Refactor | New | Open File | - | Close | Close All }
{/ General | Fullscreen | Behavior | Saving }
{
  { Open image in: | ^Smart Mode^ }
  [X] Smooth images when zoomed
  [X] Confirm image deletion
  [ ] Show hidden images
}
[Close]
}
@endsalt

```

More examples : <http://plantuml.com/salt>

## Deployment diagram

```

actor actor
agent agent
boundary boundary
cloud cloud
component component
control control
database database
entity entity
file file
folder folder
frame frame
interface interface
package package
queue queue
artifact artifact
rectangle rectangle
storage storage
usecase usecase
skinparam rectangle {
  roundCorner<<Concept>> 25
}

rectangle "Concept Model" <<Concept>> {
  rectangle "Example 1" <<Concept>> as ex1
  rectangle "Another rectangle"
}

node node1
node node2
node node3
node node4
node node5
node1 -- node2
node1 .. node3
node1 ~~ node4
node1 == node5

```