

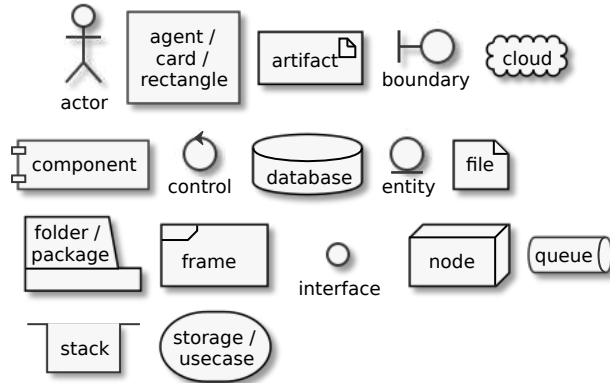
ultimate PlantUML Cheatsheet

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v.COMMIT-ID

Components

A list of plantUML components and their names, most can be used in any diagrams. The *sequence* diagram only supports a subset.

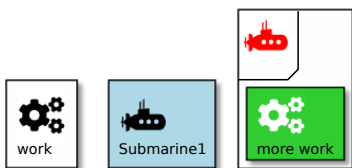


Sprite icons

Additional icons can be added via sprites. There is a collection of [Font Awesome](#), [Developer](#), [Government](#),... [icons](#) available via GitHub. Sprites can be included from any location that is reachable by the PlantUML server.

```
!define ICONURL https://raw.githubusercontent.com/
tupadr3/plantuml-icon-font-sprites/v2.0.0
!includeurl ICONURL/common.puml
!includeurl ICONURL/font-awesome-5/cogs.puml
!includeurl ICONURL/govicons/submarine.puml
```

```
FA5_COGS(c1, work) #white
GOV_SUBMARINE(sub1, Submarine1) #lightblue
GOV_SUBMARINE(sub2, , frame, red) {
  FA5_COGS(c2, more work, card, white)
  #limegreen
}
```



Icons

PlantUML supports [Open Iconic](#) set out of the box. Any icon can be rendered when embedding it in `<&..>`.

```
card "<&key> key"
card "<size:42><&wrench></size>"
```



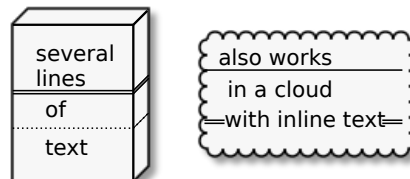
Icons can be shown as icon only by disabling the border and background styles.

```
rectangle "<size:150><&sun></size>" as sun
skinparam rectangleBorderColor none
skinparam rectangleBackgroundColor none
skinparam rectangleShadowing false
```

Multiline components

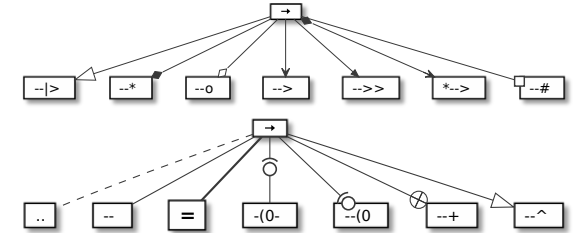
Text can be spread across multiple lines in components by declaring the text in `[]`.

```
node mynode [
  several
  lines
  ====
  of
  ....
  text
]
```



Arrows

PlantUML supports almost all [UML arrow types](#). All combinations of two arrow heads and line type can be set.



Skinparam properties

For any *component* style properties can be set via

```
skinparam <Component><Property> <value>
```

Multiple properties for the same component can be grouped

```
skinparam node {
  BackgroundColor transparent
  BorderColor black
}
```

Component properties:

BackgroundColor, BorderColor, BorderThickness, FontColor, FontName, FontSize, FontStyle

Generic properties:

ArrowColor, ArrowLollipopColor, ArrowThickness, BackgroundColor, DefaultTextAlignment ([left], center, right), Handwritten [false], HyperlinkColor, HyperlinkUnderline, Monochrome [false], Nodesep (horizontal margin [0]), Padding (text padding within node [0]), Ranksep (vertical margin [0]), RoundCorner, Shadowing

The full list of [skinparam settings](#) and [available colors](#) can be found on the [plantUML website](#).

Component diagrams

Enforcing layout..

Useful links

- [Available colors](#)