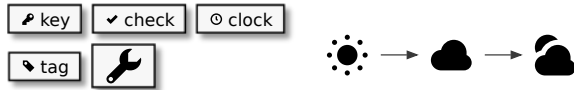


Icons

Open [Iconic](#) is supported out of the box. Any icon can be rendered by embedding into `<&..>`.

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



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

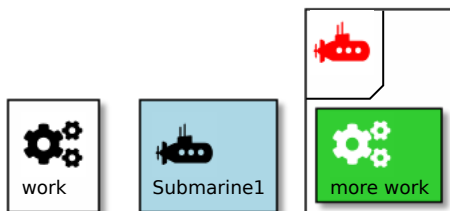
```
skinparam cardBorderColor none
skinparam cardBackgroundColor none
skinparam cardShadowing false
```

Sprite Icons

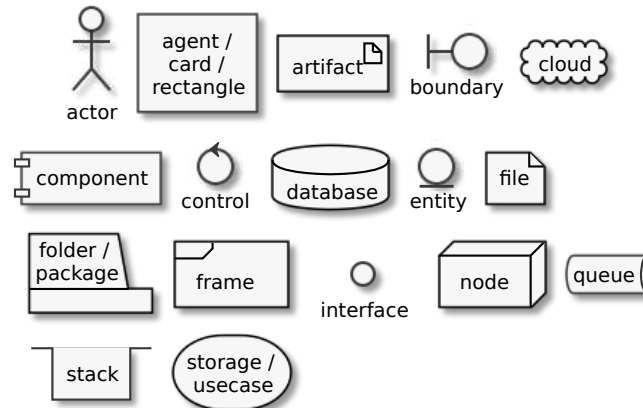
Additional icons can be added via sprites. There is a collection of [Font Awesome](#), [Developer](#), [Government](#),... icons available via GitHub. Sprites can be included from any location that is reachable by the PlantUML server.

```
!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
}
```

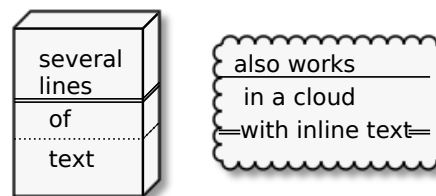
**Components**

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

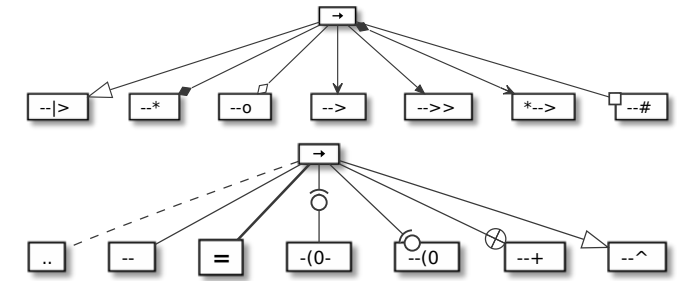
**Multiline Components**

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

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

**Arrows**

All combinations of two arrow heads and line type can be used to create any [UML arrow type](#).

**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](#).