

[Home](#)[What's New ?](#)[Getting Started](#)[Online Server](#)[Running](#)[F.A.Q.](#)[Download](#)[Forum](#)[Theme](#)[Preprocessing](#)[Standard Library](#)[Hitchhiker's Guide](#)[PDF Guide](#)

Sequence Use Case Class Activity Component State Object Deployment Tin

PlantUML

News and information

PlantUML in a nutshell

chat 158 online

sponsors 20

patreon 122

liberapay 6

paypal 296

## PlantUML at a Glance

### Getting Started

**PlantUML** is a highly versatile tool that facilitates the rapid and straightforward creation of a wide array of diagrams.

Utilizing a simple and intuitive language, users can effortlessly draft various types of diagrams. For a detailed exploration of the language's capabilities and syntax, please refer to the [PlantUML Language Reference Guide](#).

If you are new to PlantUML, we recommend starting with our [quick start page](#) to get up and running quickly. Should you have any questions, our [F.A.Q. page](#) is a valuable resource. Additionally, PlantUML can be seamlessly integrated with [a variety of other tools](#) to enhance your workflow.

### Supported UML Diagrams

With PlantUML, you can create well-structured UML diagrams, including but not limited to:

- [Sequence diagram](#)
- [Usecase diagram](#)
- [Class diagram](#)
- [Object diagram](#)
- [Activity diagram \(Beta\)](#) (Find the [legacy syntax here](#))
- [Component diagram](#)
- [Deployment diagram](#)
- [State diagram](#)
- [Timing diagram](#)

### Supported Non-UML Diagrams

Beyond traditional UML diagrams, PlantUML also supports the creation of various other diagram types, such as:

- [JSON data](#)
- [YAML data](#)
- [EBNF diagram](#)
- [Regex diagram](#)
- [Network diagram \(nwdiag\)](#)
- [UI mockups \(salt\)](#)
- [Archimate diagram](#)
- [Specification and Description Language \(SDL\)](#)
- [Ditaa diagram](#)
- [Gantt diagram](#)
- [Chronology diagram](#)
- [MindMap diagram](#)
- [WBS diagram](#)
- [Mathematics with AsciiMath or JLaTeXMath notation](#)
- [Information Engineering \(IE\) diagram](#)
- [Entity Relationship \(ER\) diagram](#)

### Additional Features

Enhance the dynamism and informativeness of your diagrams with these additional features:

[Home](#)[What's New ?](#)[Getting Started](#)[Online Server](#)[Running](#)[F.A.Q.](#)[Download](#)[Forum](#)[Theme](#)[Preprocessing](#)[Standard Library](#)[Hitchhiker's Guide](#)[PDF Guide](#)[Sequence](#) [Use Case](#) [Class](#) [Activity](#) [Component](#) [State](#) [Object](#) [Deployment](#) [Tin](#)

for a visually appealing presentation

- [OpenIconic icons](#) for enhanced visual representation
- [Sprite icons](#) to add custom symbols
- [AsciiMath mathematical expressions](#) for precise mathematical representation



## Input Formats

PlantUML allows you to generate diagrams from various source input formats:

- [Source input data: \*How and where diagrams can be written\*](#)

You can choose from different internal encodings:

- [PlantUML Text Encoding](#)



## Output Formats

Export your diagrams in a variety of formats to suit your needs, including:

- PNG for easy image sharing
- [SVG](#) for scalable vector graphics
- [LaTeX](#) for high-quality typesetting
- [ASCII art](#) (available only for sequence diagrams) for a text-based representation

Get started today and elevate your diagramming capabilities with **PlantUML**. Transform your ideas into clear and professional diagrams effortlessly 🎨!



chat 158 online

online diagrams

400,300,895

current rate

196 diag. per minute

peak rate

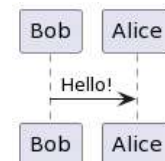
2,131 diag. per minute

### Example:

(You can edit the text if you want,  
the diagram will be dynamically updated!)

```
Bob->Alice : Hello!
```

describes the  
following  
diagram :



This example is working thanks to the [online demo server](#).

[Privacy Policy](#)[Advertise](#)