# Plum

v0.0.1

 $\underline{https://github.com/SillyFreak/typst-plum}$ 

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### **ABSTRACT**

Plum lets you create UML class diagrams in Typst; inspired by but not compatible with PlantUML.

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## I Introduction

*Plum* lets you create UML class diagrams in Typst; inspired by but *not* compatible with PlantUML. It provides the parse() and plum() functions.

#### II Module reference

#### II.a plum

```
• parse() • plum()

parse(diagram: str) -> dict
```

Parses a diagram via a WASM plugin.

```
1 #plum.parse("class Foo")
                                                                                typ
 (
   classifiers: ((kind: "class", name: "Foo"),),
   edges: (),
1 #plum.parse(```
                                                                                typ
2 interface Bar
3 exception Baz
4 ```)
   classifiers: (
     (abstract: true, kind: "interface", name: "Bar"),
       kind: "class",
       name: "Baz",
       stereotypes: ("exception",),
     ),
   ),
   edges: (),
```

#### **Parameters:**

diagram(str) - the expression to parse

```
plum(diagram: str) -> dict
```

Parses and processes a diagram.

```
1 #plum.plum(```plum
2 #[pos(0, 0)]
3 interface Bar
4 #[pos(1, 0)]
5 exception Baz
typ
```



## **Parameters:**

 $\operatorname{diagram}(\operatorname{str})$  – the expression to parse