

# Plum

v0.0.1

<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()` unction:

## II MODULE REFERENCE

### II.a plum

- `parse()`

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

Parses an expression via a WASM plugin.

```
1 #plum.parse("class Foo")
```

typ

```
(
  classifiers: (
    (
      is-abstract: false,
      is-final: false,
      kind: "class",
      name: "Foo",
      stereotypes: (),
    ),
  ),
)
```

```
1 #plum.parse(``
```

typ

```
2 interface Bar
3 exception Baz
4 ``)
```

```
(
  classifiers: (
    (
      is-abstract: true,
      is-final: false,
      kind: "interface",
      name: "Bar",
      stereotypes: (),
    ),
    (
      is-abstract: false,
      is-final: false,
      kind: "class",
      name: "Baz",
      stereotypes: ("exception",),
    ),
  ),
)
```

**Parameters:**

`diagram (str)` – the expression to parse