

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()` 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"),))
```

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

typ

```
2 interface Bar
```

```
3 exception Baz
```

```
4 ``)
```

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

Parameters:

`diagram (str)` – the expression to parse

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

Parses and processes a diagram.

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

typ

```
2 ``
```

```
3 interface Bar
```

```
4 exception Baz
```

```
5 ``, (
```

```
6   Bar: (0, 0),
```

```
7   Baz: (1, 0),
```

```
8 )
```

```
9 )
```



Parameters:

`diagram (str)` – the expression to parse

`pos (dict)` – positions of classes in the diagram