

Plum

v0.0.1

<https://github.com/SillyFreak/typst-plum>

Clemens Koza

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()`

- `plum()`

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

Parses a diagram via a WASM plugin.

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

`typ`

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

```
1 #plum.parse(``
2 interface Bar
3 exception Baz
4 ``)
```

`typ`

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

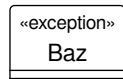
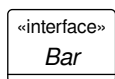
Parameters:

diagram (str) – the expression to parse

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

Parses and processes a diagram.

```
1 #plum.plum(  
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