

# Plum

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

v0.0.1

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

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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 content) -> 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 or content)` – the expression to parse; may be a raw element

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

Parses and processes a diagram.

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

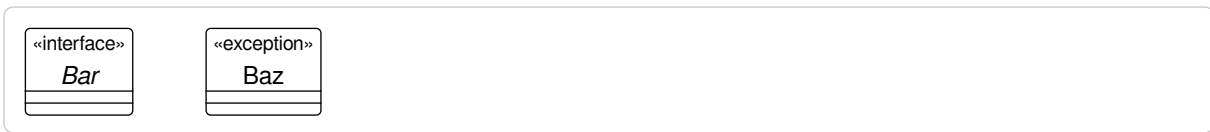
typ

```
2 #[pos(0, 0)]
```

```
3 interface Bar
```

```
4 #[pos(1, 0)]
```

```
5 exception Baz
6 ```)
```



**Parameters:**

`diagram (str or content)` – the expression to parse; may be a raw element