

Installation

diagrams requires **Python 3.7** or higher, check your Python version first.

diagrams uses [Graphviz](#) to render the diagram, so you need to [install Graphviz](#) to use it.

macOS users using [Homebrew](#) can install Graphviz via `brew install graphviz` .
Similarly, Windows users with [Chocolatey](#) installed can run `choco install graphviz` .

After installing Graphviz (or if you already have it), install **diagrams**:

```
# using pip (pip3)
$ pip install diagrams

# using pipenv
$ pipenv install diagrams

# using poetry
$ poetry add diagrams
```

Quick Start

```
# diagram.py
from diagrams import Diagram
from diagrams.aws.compute import EC2
from diagrams.aws.database import RDS
from diagrams.aws.network import ELB
```



Diagrams

```
ELB("lb") >> EC2("web") >> RDS("userdb")
```

```
$ python diagram.py
```

This generates the diagram below:



It will be saved as `web_service.png` in your working directory.

Next

See more [Examples](#) or see the [Guides](#) page for more details.

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[EXAMPLES →](#)

Docs

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More

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