

Ersteinrichtung

- Installation

Installation

Beschreibung:

GPT Engineer läuft auf jeder Plattform die python3 unterstützt

Vorraussetzungen:

- python3
- Wer möchte python-is-python3. Damit wird python3 als standard interpreter aufgerufen. Wer noch Version 2 und 3 benötigt, überspringt dieses.
- pip3
- einen openai API-Key (Hier anlegen : <https://platform.openai.com/account/api-keys>)

Installation der Abhängigkeiten

```
apt install python3 python3-pip  
Optional  
apt install python-is-python3
```

Installation gpt-engineer

```
pip3 install gpt-engineer
```

Ausgabe:

Ausgabe Installation

```
Defaulting to user installation because normal site-packages is not writeable  
Collecting gpt-engineer  
  Downloading gpt_engineer-0.0.8-py3-none-any.whl (19 kB)  
Collecting mypy==1.3.0  
  Downloading mypy-1.3.0-cp310-cp310-manylinux_2_17_x86_64.manylinux2014_x86_64.whl  
(12.2 MB)
```

12.2/12.2 MB 42.6 MB/s eta 0:00:00
Collecting dataclasses-json==0.5.7
 Downloading dataclasses_json-0.5.7-py3-none-any.whl (25 kB)
Collecting ruff==0.0.272
 Downloading ruff-0.0.272-py3-none-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (5.9 MB)
5.9/5.9 MB 39.2 MB/s eta 0:00:00
Collecting rudder-sdk-python==2.0.2
 Downloading rudder_sdk_python-2.0.2-py2.py3-none-any.whl (19 kB)
Requirement already satisfied: termcolor==2.3.0 in ./local/lib/python3.10/site-packages (from gpt-engineer) (2.3.0)
Requirement already satisfied: typer>=0.3.2 in ./local/lib/python3.10/site-packages (from gpt-engineer) (0.7.0)
Requirement already satisfied: black==23.3.0 in ./local/lib/python3.10/site-packages (from gpt-engineer) (23.3.0)
Collecting pre-commit==3.3.3
 Downloading pre_commit-3.3.3-py2.py3-none-any.whl (202 kB)
202.8/202.8 KB 34.3 MB/s eta 0:00:00
Collecting tabulate==0.9.0
 Downloading tabulate-0.9.0-py3-none-any.whl (35 kB)
Requirement already satisfied: tiktoken>=0.0.4 in ./local/lib/python3.10/site-packages (from gpt-engineer) (0.3.3)
Collecting langchain>=0.0.240
 Downloading langchain-0.0.263-py3-none-any.whl (1.5 MB)
1.5/1.5 MB 50.3 MB/s eta 0:00:00
Requirement already satisfied: pytest==7.3.1 in ./local/lib/python3.10/site-packages (from gpt-engineer) (7.3.1)
Requirement already satisfied: click>=8.0.0 in ./local/lib/python3.10/site-packages (from gpt-engineer) (8.1.3)
Collecting openai==0.27.8
 Downloading openai-0.27.8-py3-none-any.whl (73 kB)
73.6/73.6 KB 12.4 MB/s eta 0:00:00
Requirement already satisfied: pathspec>=0.9.0 in ./local/lib/python3.10/site-packages (from black==23.3.0->gpt-engineer) (0.11.1)
Requirement already satisfied: packaging>=22.0 in ./local/lib/python3.10/site-packages (from black==23.3.0->gpt-engineer) (23.1)
Requirement already satisfied: platformdirs>=2 in ./local/lib/python3.10/site-packages (from black==23.3.0->gpt-engineer) (3.2.0)
Requirement already satisfied: tomli>=1.1.0 in ./local/lib/python3.10/site-packages (from black==23.3.0->gpt-engineer) (2.0.1)
Requirement already satisfied: mypy-extensions>=0.4.3 in ./local/lib/python3.10/site-packages (from black==23.3.0->gpt-engineer) (1.0.0)
Collecting marshmallow-enum<2.0.0,>=1.5.1
 Downloading marshmallow_enum-1.5.1-py2.py3-none-any.whl (4.2 kB)


```
Requirement already satisfied: filelock<4,>=3.11 in ./local/lib/python3.10/site-packages (from
virtualenv>=20.10.0->pre-commit==3.3.3->gpt-engineer) (3.12.0)
Requirement already satisfied: distlib<1,>=0.3.6 in ./local/lib/python3.10/site-packages (from
virtualenv>=20.10.0->pre-commit==3.3.3->gpt-engineer) (0.3.6)
Installing collected packages: monotonic, typing-inspect, tenacity, tabulate, ruff, python-
dotenv, numexpr, mypy, marshmallow, greenlet, deprecation, backoff, SQLAlchemy, rudder-
sdk-python, pre-commit, openapi-schema-pydantic, marshmallow-enum, langsmith, openai,
dataclasses-json, langchain, gpt-engineer
Attempting uninstall: python-dotenv
  Found existing installation: python-dotenv 1.0.0
  Uninstalling python-dotenv-1.0.0:
    Successfully uninstalled python-dotenv-1.0.0
Attempting uninstall: pre-commit
  Found existing installation: pre-commit 3.2.2
  Uninstalling pre-commit-3.2.2:
    Successfully uninstalled pre-commit-3.2.2
Attempting uninstall: openai
  Found existing installation: openai 0.27.2
  Uninstalling openai-0.27.2:
    Successfully uninstalled openai-0.27.2
Successfully installed SQLAlchemy-2.0.19 backoff-2.2.1 dataclasses-json-0.5.7 deprecation-
2.0.7 gpt-engineer-0.0.8 greenlet-2.0.2 langchain-0.0.263 langsmith-0.0.22 marshmallow-
3.20.1 marshmallow-enum-1.5.1 monotonic-1.6 mypy-1.3.0 numexpr-2.8.5 openai-0.27.8
openapi-schema-pydantic-1.2.4 pre-commit-3.3.3 python-dotenv-0.21.1 rudder-sdk-python-
2.0.2 ruff-0.0.272 tabulate-0.9.0 tenacity-8.2.2 typing-inspect-0.9.0
```

Nun ein Programmordner erstellen. Da kommt unsere API-KEY script rein und unsere Projekte

```
mkdir /home/<benutzername>/gpt-engineer
```

Damit wäre die Eigentliche Installation abgeschlossen.

API-Key Script

API Key in skript hinterlegen. Diese muss dann nur noch vor Benutzung aufgerufen werden.

```
nano /home/<benutzername>/gpt-engineer/apikey.sh
```

Inhalt

```
#!/bin/bash
export OPEN_AI_API_KEY=<dein_key>
```

ausführbar machen

```
chmod +x /home/<benutzername>/gpt-engineer/apikey.sh
```

Damit wäre die Installtion abgeschlossen.