

AWS Serverless Utilities Installation

The utilities are implemented as Python scripts and assume a Python environment (virtual or otherwise) that meets the following conditions:

- A 3.x Python interpreter is in the path (scripts were tested with 3.7 and 3.10)
- The Python code is stored in an appropriate location relative to the PYTHONPATH environment variable
- The Python argparse library has been installed and is available as an import
- The AWS boto3 library has been installed and is available as an import
- The executing user and machine have been authenticated in the target AWS account (via temporary credentials or otherwise)

All documentation, samples and source are contained in a single .zip. This file should be extracted in a location that appears in the PYTHONPATH environment variable (as specified above) and the structure should be preserved. (This structure is required for the Python code to work properly). After extraction in an empty location on the PYTHONPATH, it should look like:

```
$ ls -lR
.:
total 108
-rw-r--r-- 1 ggole 197609 0 Jan 1 00:00 00:00
drwxr-xr-x 1 ggole 197609 0 Jan 1 00:00 ats/
drwxr-xr-x 1 ggole 197609 0 Jan 1 00:00 doc/
-rw-r--r-- 1 ggole 197609 110226 Jan 1 00:00 source_EULA.pdf

./ats:
total 0
drwxr-xr-x 1 ggole 197609 0 Jan 1 00:00 utils/

./ats/utils:
total 4
drwxr-xr-x 1 ggole 197609 0 Jan 1 00:00 api/

./ats/utils/api:
total 52
-rw-r--r-- 1 ggole 197609 4411 Jan 1 00:00 api_gateway_deployer.py
-rw-r--r-- 1 ggole 197609 4997 Jan 1 00:00 api_gateway_method_creator.py
-rw-r--r-- 1 ggole 197609 1980 Jan 1 00:00 api_gateway_model_creator.py
-rw-r--r-- 1 ggole 197609 1953 Jan 1 00:00 api_gateway_path_creator.py
-rw-r--r-- 1 ggole 197609 3742 Jan 1 00:00 api_gateway_shell_creator.py
-rw-r--r-- 1 ggole 197609 2286 Jan 1 00:00 api_iam_policy_creator.py
-rw-r--r-- 1 ggole 197609 2643 Jan 1 00:00 api_iam_role_creator.py
-rw-r--r-- 1 ggole 197609 4774 Jan 1 00:00 api_lambda_function_creator.py
-rw-r--r-- 1 ggole 197609 1734 Jan 1 00:00 aws_api_utils_parser.py
drwxr-xr-x 1 ggole 197609 0 Jan 1 00:00 sample_json/

./ats/utils/api/sample_json:
total 13
-rw-r--r-- 1 ggole 197609 209 Jan 1 00:00 MyAPI_API.json
-rw-r--r-- 1 ggole 197609 522 Jan 1 00:00 MyAPI_Main_API_role.json
-rw-r--r-- 1 ggole 197609 787 Jan 1 00:00 MyAPI_data_access_policy.json
-rw-r--r-- 1 ggole 197609 621 Jan 1 00:00 MyAPI_lambda_logging_policy.json
-rw-r--r-- 1 ggole 197609 496 Jan 1 00:00 MyAPI_last_name_like_function.json
-rw-r--r-- 1 ggole 197609 424 Jan 1 00:00 MyAPI_last_name_like_method.json
-rw-r--r-- 1 ggole 197609 232 Jan 1 00:00 MyAPI_last_name_like_model.json

./doc:
total 384
-rw-r--r-- 1 ggole 110624 110150 Jan 1 00:00 utilities_installation_guide.pdf
-rw-r--r-- 1 ggole 197609 280138 Jan 1 00:00 utilities_user_guide.pdf
```