

# msaServer Module

## .base

### Attributes

#### ROOTPATH module-attribute

```
ROOTPATH = os.path.join(os.path.dirname(__file__))
```

#### server\_runner module-attribute

```
server_runner: Optional[Union[MSAServerUvicorn, MSAServerGunicorn]] = None
```

The created server instance

### Functions

#### run

```
run(
    app_dir: str,
    app: str = "app:app",
    host: str = "127.0.0.1",
    port: int = 8090,
    server_type: str = "uvicorn",
)
```

Creates and starts a MSAServer Instance

PARAMETER	DESCRIPTION
<code>app_dir</code>	The rootpath of your project, like: <code>os.path.join(os.path.dirname(file))</code> <b>TYPE:</b> <code>str</code>

PARAMETER	DESCRIPTION
<code>app</code>	The module:application string, like 'app:app' or 'main:app' <b>TYPE:</b> <code>str</code> <b>DEFAULT:</b> <code>'app:app'</code>
<code>host</code>	IP/FQDN the server runs on <b>TYPE:</b> <code>str</code> <b>DEFAULT:</b> <code>'127.0.0.1'</code>
<code>port</code>	The port the server binds and listen to <b>TYPE:</b> <code>int</code> <b>DEFAULT:</b> <code>8090</code>
<code>server_type</code>	The string for the server type to use 'uvicorn', everything else starts a Gunicorn Server <b>TYPE:</b> <code>str</code> <b>DEFAULT:</b> <code>'uvicorn'</code>

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