

# msaSDK Module

**.server.srv\_gunicorn**

---

## Attributes

**JSON\_LOGS** module-attribute

```
JSON_LOGS = (  
    True  
    if os.environ.get("JSON_LOGS", "0") == "1"  
    else False  
)
```

## Classes

### InterceptHandler

Bases: logging.Handler

#### Functions

**emit**

```
emit(record)
```

### MSAServerGunicorn

#### Attributes

**app** instance-attribute

```
app: MSAApp = app
```

**app\_dir** instance-attribute

```
app_dir: str = app_dir
```

host instance-attribute

```
host: str = host
```

intercept\_handler instance-attribute

```
intercept_handler = InterceptHandler()
```

log\_level instance-attribute

```
log_level: str = log_level
```

port instance-attribute

```
port: int = port
```

reload instance-attribute

```
reload: bool = reload
```

seen instance-attribute

```
seen = set()
```

workers instance-attribute

```
workers: int = workers
```

## Functions

**`__init__`**

```
__init__(
    app: MSAApp,
    app_dir: str,
    host: str,
    port: int,
    reload: bool = False,
    log_level: str = "info",
```

```
workers: int = -1,
) -> None
```

**run**

```
run()
```

## StandaloneApplication

Bases: `BaseApplication`, `ABC`

### Attributes

**application** instance-attribute

```
application: MSAApp = app
```

**options** instance-attribute

```
options = options or {}
```

### Functions

**`__init__`**

```
__init__(app: MSAApp, options = None)
```

**load**

```
load()
```

**load\_config**

```
load_config()
```

## StubbedGunicornLogger

Bases: `Logger`

### Attributes

**access\_logger** instance-attribute

```
access_logger = logging.getLogger('gunicorn.access')
```

error\_logger instance-attribute

```
error_logger = logging.getLogger('gunicorn.error')
```

handler instance-attribute

```
handler = logging.NullHandler()
```

log\_level instance-attribute

```
log_level: str = log_level
```

## Functions

`__init__`

```
__init__(cfg, log_level: str = 'info')
```

## Functions

### number\_of\_workers

```
number_of_workers()
```

---

Last update: September 13, 2022

Created: September 13, 2022