

# msaSDK Module

## **.session**

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## Attributes

### backend module-attribute

```
backend = InMemoryBackend[UUID, SessionData]()
```

### cookie module-attribute

```
cookie = SessionCookie(  
    cookie_name="cookie",  
    identifier="general_verifier",  
    auto_error=True,  
    secret_key=getSecretKey(),  
    cookie_params=cookie_params,  
)
```

### cookie\_params module-attribute

```
cookie_params = CookieParameters()
```

### verifier module-attribute

```
verifier = BasicVerifier(  
    identifier="general_verifier",  
    auto_error=True,  
    backend=backend,  
    auth_http_exception=HTTPException(  
        status_code=403, detail="invalid session"  
    ),  
)
```

## Classes

## BasicVerifier

Bases: `SessionVerifier[UUID, SessionData]`

### Functions

#### `__init__`

```
__init__(  
    *,  
    identifier: str,  
    auto_error: bool,  
    backend: InMemoryBackend[UUID, SessionData],  
    auth_http_exception: HTTPException  
)
```

#### `auth_http_exception` property

```
auth_http_exception()
```

#### `auto_error` property

```
auto_error()
```

#### `backend` property

```
backend()
```

#### `identifier` property

```
identifier()
```

#### `verify_session`

```
verify_session(model: SessionData) -> bool
```

If the session exists, it is valid

## SessionData

Bases: `SQLModel`

### Attributes

email class-attribute

```
email: str
```

input class-attribute

```
input: str = ''
```

settings class-attribute

```
settings: dict = {}
```

## Functions

### getSecretKey

```
getSecretKey()
```

### xuuid4

```
xuuid4()
```

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