boto3 — Per-Module API

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- boto3.utils

boto3

Classes

```
[
  NullHandler,
  Session
]
```

Functions

```
[
  client,
  resource,
  set_stream_logger,
  setup_default_session
]
```

Sentinels / Constants / Objects

```
[
  DEFAULT_SESSION
]
```

Import statements

 # Classes
```
from boto3 import NullHandler
from boto3 import Session
```
 # Functions
```
from boto3 import client
from boto3 import resource
from boto3 import set_stream_logger
from boto3 import setup_default_session
```
 # Sentinels / Constants / Objects
```
from boto3 import DEFAULT_SESSION
```

boto3.compat

Classes

```
[
  PythonDeprecationWarning,
  SOCKET_ERROR
]
```

Functions

```
[
  filter_python_deprecation_warnings,
  is_append_mode,
  rename_file
]
```

Sentinels / Constants / Objects

```
[]
```

Import statements

 # Classes
```
from boto3.compat import PythonDeprecationWarning
from boto3.compat import SOCKET_ERROR
```
 # Functions
```
from boto3.compat import filter_python_deprecation_warnings
from boto3.compat import is_append_mode
from boto3.compat import rename_file
```
 # Sentinels / Constants / Objects
```
(none)
```

boto3.crt

Classes

```
[
  BotocoreCRTCredentialsWrapper,
  BotocoreCRTRequestSerializer,
  CRTS3Client,
  CRTTransferManager,
  Session
]
```

Functions

```
[
  acquire_crt_s3_process_lock,
  compare_identity,
  create_crt_transfer_manager,
  create_s3_crt_client,
  get_crt_s3_client,
  is_crt_compatible_request
]
```

Sentinels / Constants / Objects

```
[
  BOTOCORE_CRT_SERIALIZER,
  CLIENT_CREATION_LOCK,
  CRT_S3_CLIENT,
  PROCESS_LOCK_NAME
]
```

Import statements

 # Classes
```
from boto3.crt import BotocoreCRTCredentialsWrapper
from boto3.crt import BotocoreCRTRequestSerializer
from boto3.crt import CRTS3Client
from boto3.crt import CRTTransferManager
from boto3.crt import Session
```
 # Functions
```
from boto3.crt import acquire_crt_s3_process_lock
from boto3.crt import compare_identity
from boto3.crt import create_crt_transfer_manager
from boto3.crt import create_s3_crt_client
from boto3.crt import get_crt_s3_client
from boto3.crt import is_crt_compatible_request
```
 # Sentinels / Constants / Objects
```
from boto3.crt import BOTOCORE_CRT_SERIALIZER
from boto3.crt import CLIENT_CREATION_LOCK
from boto3.crt import CRT_S3_CLIENT
from boto3.crt import PROCESS_LOCK_NAME
```

boto3.docs

Classes

```
[
  ServiceDocumenter
]
```

Functions

```
[
  generate_docs
]
```

Sentinels / Constants / Objects

```
[
  DEPRECATED_SERVICE_NAMES
]
```

Import statements

 # Classes
```
from boto3.docs import ServiceDocumenter
```
 # Functions
```
from boto3.docs import generate_docs
```
 # Sentinels / Constants / Objects
```
from boto3.docs import DEPRECATED_SERVICE_NAMES
```

boto3.dynamodb

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

boto3.ec2

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

boto3.exceptions

Classes

```
[
    Boto3Error,
    DynamoDBNeedsConditionError,
    DynamoDBNeedsKeyConditionError,
    DynamoDBOperationNotSupportedError,
    DynanmoDBOperationNotSupportedError,
    NoVersionFound,
    PythonDeprecationWarning,
    ResourceLoadException,
    ResourceNotExistsError,
    RetriesExceededError,
    S3TransferFailedError,
    S3UploadFailedError,
    UnknownAPIVersionError
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[]
```

Import statements

 # Classes
```
from boto3.exceptions import Boto3Error
from boto3.exceptions import DynamoDBNeedsConditionError
from boto3.exceptions import DynamoDBNeedsKeyConditionError
from boto3.exceptions import DynamoDBOperationNotSupportedError
from boto3.exceptions import DynanmoDBOperationNotSupportedError
from boto3.exceptions import NoVersionFound
from boto3.exceptions import PythonDeprecationWarning
from boto3.exceptions import ResourceLoadException
from boto3.exceptions import ResourceNotExistsError
from boto3.exceptions import RetriesExceededError
from boto3.exceptions import S3TransferFailedError
from boto3.exceptions import S3UploadFailedError
from boto3.exceptions import UnknownAPIVersionError
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
(none)
```

boto3.resources

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

boto3.s3

Classes

[ ]

Functions

[ ]

Sentinels / Constants / Objects

[ ]

Import statements

 # Classes
(none)
 # Functions
(none)
 # Sentinels / Constants / Objects
(none)

boto3.session

Classes

```
[
  Config,
  DataNotFoundError,
  NoCredentialsError,
  ResourceFactory,
  ResourceNotExistsError,
  Session,
  UnknownAPIVersionError,
  UnknownServiceError
]
```

Functions

```
[]
```

Sentinels / Constants / Objects

```
[]
```

Import statements

 # Classes
```
from boto3.session import Config
from boto3.session import DataNotFoundError
from boto3.session import NoCredentialsError
from boto3.session import ResourceFactory
from boto3.session import ResourceNotExistsError
from boto3.session import Session
from boto3.session import UnknownAPIVersionError
from boto3.session import UnknownServiceError
```
 # Functions
```
(none)
```
 # Sentinels / Constants / Objects
```
(none)
```

boto3.utils

Classes

```
[
    LazyLoadedWaiterModel,
    ServiceContext
]
```

Functions

```
[
    import_module,
    inject_attribute,
    lazy_call,
    namedtuple
]
```

Sentinels / Constants / Objects

```
[]
```

Import statements

 # Classes
```
from boto3.utils import LazyLoadedWaiterModel
from boto3.utils import ServiceContext
```
 # Functions
```
from boto3.utils import import_module
from boto3.utils import inject_attribute
from boto3.utils import lazy_call
from boto3.utils import namedtuple
```
 # Sentinels / Constants / Objects
```
(none)
```