

# Package ‘awsjvasdk’

January 1, 2017

**Type** Package

**Title** Boilerplate R Access to the Amazon Web Services ('AWS') Java SDK

**Version** 0.2.0

**Date** 2016-12-31

**Description** Provides boilerplate access to all of the classes included in the Amazon Web Services ('AWS') Java Software Development Kit (SDK) via package:'rJava'. According to Amazon, the 'SDK helps take the complexity out of coding by providing Java APIs for many AWS services including Amazon S3, Amazon EC2, DynamoDB, and more'. You can read more about the included Java code on Amazon's website:  
<<https://aws.amazon.com/sdk-for-java/>>.

**URL** <https://github.com/zapier/awsjvasdk>

**BugReports** <https://github.com/zapier/awsjvasdk/issues>

**License** GPL-2

**Imports** utils, rJava, R.utils, assertthat, rappdirs

**Suggests** testthat, covr, knitr, rmarkdown

**RoxygenNote** 5.0.1

**VignetteBuilder** knitr

**NeedsCompilation** no

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**Repository** CRAN

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aws_sdk_present	<i>Confirm presence of core SDK jar</i>
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**Description**

Confirm presence of core SDK jar

**Usage**

```
aws_sdk_present(assert = FALSE)
```

**Arguments**

assert            If TRUE, the absence of the SDK will throw an error

**Details**

Note that this only checks for the ability to locate the core AWS SDK jar

**Value**

Boolean reflecting whether the SDK could be located

**Examples**

```
aws_sdk_present()
```

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aws_sdk_root	<i>Get the root directory for the AWS Java SDK</i>
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**Description**

Get the root directory for the AWS Java SDK

**Usage**

```
aws_sdk_root()
```

**Value**

character

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aws_sdk_version	<i>Find AWS SDK Version</i>
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**Description**

Find AWS SDK Version

**Usage**

```
aws_sdk_version()
```

**Value**

character, AWS SDK Version and standard character prefix `aws-java-sdk-` as in the unpacked directory name

**Examples**

```
## Not run:  
aws_sdk_version()  
  
## End(Not run)
```

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install_aws_sdk	<i>Install the AWS Java SDK</i>
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**Description**

This function fetches and unpacks the AWS Java SDK to a package managed directory. If the Java SDK is already present, it will wipe that location and re-download and unpack the file present at <https://sdk-for-java.amazonwebservices.com/latest/aws-java-sdk.zip>

**Usage**

```
install_aws_sdk(root = .package_envir_get("sdk_file_root"))
```

**Arguments**

`root`                    The root folder that will contain the SDK

**Value**

boolean; TRUE if the SDK can now be located, FALSE if it can not be located

**Examples**

```
## Not run:
install_aws_sdk()

## End(Not run)
```

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load_sdk	<i>Load AWS Java SDK</i>
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**Description**

Load AWS Java SDK

**Usage**

```
load_sdk()
```

**Value**

As rJava::jpackage(), invisible TRUE if the initialization was successful

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set_sdk_file_root	<i>Specify an alternate root directory in which to store and retrieve the SDK.</i>
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**Description**

Specify an alternate root directory in which to store and retrieve the SDK.

**Usage**

```
set_sdk_file_root(root = .app_dir$data(), confirm = FALSE)
```

**Arguments**

root	character a path location the contents of which may be deleted without confirmation
confirm	boolean Allows the use of a non-empty sdk_file_root

**Note**

This feature is required by the CRAN maintainers. Although it is useful, it has not been as thoroughly tested as using the default package selected directory.

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