Package: raws.profile (via r-universe)

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Type Package

Title Managing Profiles on Amazon Web Service

Version 0.1.0

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Description This is an R wrapper from the AWS Command Line Interface
that provides methods to manage the user configuration on
Amazon Web Service. You can create as many profiles as you
want, manage them, and delete them. The profiles created with
this tool work with all AWS products such as S3, Glacier, and
EC2. It also provides a function to automatically install AWS
CLI, but you can download it and install it manually if you
prefer.

License GPL (>= 2)

Encoding UTF-8

LazyData true

Imports stringr, tibble, utils, withr

RoxygenNote 6.1.1

Suggests testthat

NeedsCompilation no

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Repository CRAN

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aws_cli_install   *Install AWS CLI*

Description

This function download and install the AWS CLI for windows, linux or mac. For Linux and Mac is necessary Python 2.6.5 or greater. You can also install the CLI manually, see https://aws.amazon.com/cli/

Usage

```
aws_cli_install()
```

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aws_profile   *User profile configuration*

Description

Functions to configure and visualize the user credentials. You can see a profile settings using `profile_settings()` and vizualise all profiles created using `list_profiles()`. The AWS CLI saves your credentials in ~/.aws folder, so, for security reasons, delete your credentials when you finish your work using `delete_all_profiles()`.

Usage

```
create_profile(profile = "default", access_key = NULL,
  secret_key = NULL, region = NULL)

profile_settings(profile = "default")
```

Arguments

profile	The profile-name. If profile was not supplied `create_profile()` will create a default profile.
access_key	The access key create by AWS.
secret_key	The secret key create by AWS.
region	The default region

Examples

```
## Not run:
# To run these examples you need the AWS CLI, use
# aws_cli_install() if it is not installed.

# create a default user
create_profile(access_key = "my_access_key_1",
               secret_key = "123456789",
               region = "us-east-1" )

# verify if the user was created
profile_settings()

# you can also create a user with a profile name
create_profile(profile = "profile_name",
               access_key = "my_access_key_2",
               secret_key = "987654321",
               region = "us-west-1")

# verify if the user was created
profile_settings(profile = "profile_name")

# remove your credentials from this computer
delete_all_profiles()

## End(Not run)
```

---

aws_version   *AWS CLI version*

Description

This function provides the version of AWS CLI installed. A message to use `aws_cli_install()` will be exhibit if the AWS CLI was not found.

Usage

```
aws_version()
```

---

delete_profile   *Delete profiles*

Description

These functions delete the profiles created. Use `delete_profile()` to delete one or more profiles and use `delete_all_profiles()` if you want ot delete all of them.

Usage

```
delete_profile(profile = "default")

delete_all_profiles()
```

Arguments

profile   A string or a vector of strings with the profiles to delete.

Examples

```
## Not run:
# To run these examples you need the AWS CLI, use
# aws_cli_install() if it is not installed.

# default user
create_profile(access_key = "my_access_key_1",
               secret_key = "123456789",
               region = "us-east-1")

# profile_name1
create_profile(profile = "profile_name1",
               access_key = "my_access_key_2",
               secret_key = "987654321",
               region = "us-west-1")

# profile_name2
create_profile(profile = "profile_name2",
               access_key = "my_access_key_3",
               secret_key = "12344321",
               region = "us-west-1")

# profile_name3
create_profile(profile = "profile_name3",
               access_key = "my_access_key_3",
               secret_key = "98766789",
               region = "us-east-1")

# profile_name4
create_profile(profile = "profile_name4",
               access_key = "my_access_key_4",
               secret_key = "192837465",
               region = "us-west-1")

# profile_name5
create_profile(profile = "profile_name5",
               access_key = "my_access_key_5",
               secret_key = "546372819",
               region = "us-east-1")

# delete default profile
delete_profile()
```

```
# delete one profile
delete_profile("profile_name1")

# delete two profiles
delete_profile(c("profile_name2", "profile_name3"))

# remove your credentials from this computer
delete_all_profiles()

## End(Not run)
```

---

list_profiles   *The profile names saved*

Description

The AWs CLI creates two profile files: credentials and config. This function return the profiles availables in both files.

Usage

```
list_profiles()
```

Value

A tibble with the profile names available.

Examples

```
## Not run:
# use this for profile names available
list_profiles()

## End(Not run)
```

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