

# Package ‘SecretsProvider’

April 2, 2025

**Type** Package

**Title** Save and Retrieve Name-Value Pairs to and from a File

**Version** 1.0.0

**Date** 2025-03-07

**Maintainer** Koen Greuell <vlic@lifewatch.eu>

**Description** Facilitates secret management by storing credentials in a dedicated file, keeping them out of your code base.  
The secrets are stored without encryption.  
This package is compatible with secrets stored by the 'SecretsProvider' 'Python' package <<https://pypi.org/project/SecretsProvider/>>.

**License** Apache License (== 2.0)

**Suggests** testthat (>= 3.0.0), getPass

**RoxygenNote** 7.3.2

**Config/testthat/edition** 3

**NeedsCompilation** no

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**Repository** CRAN

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SecretsProvider-package

*Save and Retrieve Name-Value Pairs to and from a File*

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## Description

Facilitates secret management by storing credentials in a dedicated file, keeping them out of your code base. The secrets are stored without encryption. This package is compatible with secrets stored by the 'SecretsProvider' 'Python' package <<https://pypi.org/project/SecretsProvider/>>.

## Details

Arguments:

secret\_file\_path Path to the file where secrets are stored. Defaults to ".env".

input\_func Function to get input from the user. Defaults to getPass::getPass

Methods:

set\_secret(secret\_name): Retrieves Saves a secret If there is already a secret with the name given. Entering a new value will overwrite the existing secret.

get\_secret(secret\_name): Retrieves secret If this secret does not exist, it prompts the user to enter a secret and stores that.

remove\_secret(secret\_name): Remove a secret

## Author(s)

Koen Greuell

Maintainer: Koen Greuell

## Examples

```
# Create a SecretsProvider object
secretsProvider <- SecretsProvider(secret_file_path = tempfile(),
                                   input_func = function(prompt) { "mock_input"})

# Set a secret
secretsProvider$set_secret("Data_source_API_key")

# Get a secret
api_key <- secretsProvider$get_secret("Data_source_API_key")

# Remove a secret
secretsProvider$remove_secret("Data_source_API_key")
```

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