Package: ixplorer (via r-universe)

October 1, 2024

Title Easy DataOps for R Users

Version 0.3.4

Description Create and view tickets in 'gitea', a self-hosted git
service <https://about.gitea.com>, using an 'RStudio' addin,
and use helper functions to publish documentation and use git.

License AGPL (>= 3)

Depends R (>= 3.4)

Imports dplyr (>= 0.8.1), gitear (>= 0.0.2), kableExtra (>= 1.1.0),
lubridate (>= 1.7.4), miniUI (>= 0.1.1.1), RColorBrewer (>=
1.1.2), shiny.i18n (>= 0.2.0), shiny (>= 1.3.2), stringr (>=
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RemoteRef HEAD

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Contents

---

actualizar_rama   *Actualice la rama master desde el upstream*

Description

actualiza su rama master con su upstream por medio de git rebase

Usage

```
actualizar_rama(rama_por_defecto)
```

Arguments

rama_por_defecto

define la rama por defecto que queremos actualizar

Value

No hay valor de retorno - se llama por su efecto secundario

---

add_token   *Authentication in ixplorer*

Description

Saves to your computer through the authentication system of your computer's OS.

Usage

```
add_token()
```

Details

Currently needs to be done everytime a new session is started. In case the credentials already exist, just enter the url and confirm if you want to keep the credentials on your computer or want to delete them after the next query.

Value

No return value, called for side effects

---

add_upstream   *Add the upstream to the repository that is active in RStudio.*

Description

Add the upstream to the repository that is active in RStudio at the moment

Usage

```
add_upstream(instance = "saved")
```

Arguments

instance   ixplorer instance (Eg: "secure", "masterclass", "prueba")

Value

No return value, called for side effects

---

add_user_to_repo   *Add a user as a collaborator to an ixplorer repository.*

Description

This function adds a user as a collaborator to a specific repository on ixplorer with specific permissions.

Usage

```
add_user_to_repo(
  base_url,
  api_key,
  owner,
  repo,
  username,
  collaborator_permissions
)
```

Arguments

base_url	The base URL of the ixplorer server.
api_key	The API key for authentication on the ixplorer server.
owner	The owner (organization or user) of the repository where the user will be added as a collaborator.
repo	The name of the repository where the user will be added as a collaborator.
username	The username of the user to be added as a collaborator.
collaborator_permissions	
	The permissions to be assigned to the collaborator ("Read", "Write", or "Admin").

Value

The response from the ixplorer server.

---

crear_tiquetes   *Crear tiquete*

Description

Cree tiquetes (título y cuerpo) desde el add-in de ixplorer sin perder las ideas durante su flujo de trabajo

Usage

```
crear_tiquetes(instancia = "guardada")
```

Arguments

instancia	instancia de ixplorer (Ejemplo: "secure", "masterclass", "prueba")

Value

No hay valor de retorno - se llama por su efecto secundario

---

create_tickets	*Create ticket*

Description

Create tickets (title and body) from the ixplorer addin without losing ideas during your workflow.

Usage

```
create_tickets(instance = "saved")
```

Arguments

instance	ixplorer instance (Eg: "secure", "masterclass", "prueba")

Value

No return value, called for side effects

---

create_users	*Create users and add them to an ixplorer repository.*

Description

This function automates the process of creating users and adding them as collaborators to a repository on ixplorer.

Usage

```
create_users(
  base_url,
  api_key,
  owner,
  repo,
  user_data_df,
  collaborator_permissions
)
```

Arguments

base_url	The base URL of the ixplorer server.
api_key	The API key for authentication on the ixplorer server.
owner	The owner (organization or user) of the repository where the users will be added as collaborators.
repo	The name of the repository where the users will be added as collaborators.
user_data_df	A data frame, each row containing user information (email, login_name, user-name).
collaborator_permissions	
	The permissions to be assigned to the collaborators ("Read", "Write", or "Admin").

Value

A data frame containing information about the created users.

Examples

```
## Not run:
  # API configuration
  base_url <- "https://prueba.ixpantia.com"
  api_key <- "your_api_key" # Replace with your actual API key
  owner <- ""
  repo <- ""

   #User date in a data frame
   user_data_df <- data.frame(
   email = c("user@email.com", "user2@email.com"),
   login_name = c("User-1", "User-2"),
   username =  c("User-1", "User-2")
             )
  # Collaborator permissions to be added (Read, Write, or Admin)
  collaborator_permissions <- "Write"

  # Create users and add them to the repository with specific permissions
  results <- create_users(base_url, api_key, owner, repo, user_data_df,
  collaborator_permissions)
## End(Not run)
```

---

current_tickets   *Current tickets*

Description

View tickets for a specific user on a computer and get links to your ixplorer based on the credentials used in the authentication gadget.

Usage

```
current_tickets(instance = "saved")
```

Arguments

`instance`	ixplorer instance (Eg: "secure", "masterclass", "prueba")

Value

No return value, called for side effects

`dashboard`	*Show ixplorer dashboard*

Description

Show ixplorer dashboard

Usage

```
dashboard()
```

Value

No return value, called for side effects

`delete_credentials`	*Delete your ixplorer credentials*

Description

Delete your ixplorer credentials

Usage

```
delete_credentials(instance = "current")
```

Arguments

`instance`	an instance from ixplorer such as "prueba" or "masterclass"

Details

Delete the credentials saved by add_token() in your computer. This can be useful when you are using the ixplorer package on a shared computer or any other case you don't want to keep the credentials stored

Value

Delete credentials saved by add_token()

Examples

```
## Not run:
delete_credentials("masterclass")

## End(Not run)
```

---

eliminar_credenciales   *Elimina tus credenciales de ixplorer*

Description

Elimina tus credenciales de ixplorer

Usage

```
eliminar_credenciales(instancia = "actual")
```

Arguments

instancia   una instancia de ixplorer como "masterclass" o "prueba"

Details

Borre las credenciales guardadas por add_token() en su computadora. Esto puede ser útil cuando está usando el paquete ixplorer en una computadora compartida o en cualquier otro caso en el que no desee mantener las credenciales almacenadas.

Value

Elimina las credenciales guardadas por add_token()

Examples

```
## Not run:
delete_credentials("masterclass")

## End(Not run)
```

fijar_tiempo_credenciales

Extienda el tiempo de sus credenciales de git

Description

Esta es una función traducida que llama a set_git_timeout. Establezca la cantidad de segundos para que se agote el tiempo de espera del caché de credenciales de git. Tenga en cuenta que esto está escrito para trabajar en servidores remotos donde no queremos almacenar nuestras credenciales de git (otros pueden tener acceso o hacerse pasar por nosotros). En una máquina confiable, la configuración más común sería git credential.helper store. Sin embargo, se requiere algo de almacenamiento en caché cuando se trabaja en un servidor remoto porque los ciclos frecuentes de envío y confirmación en los que tiene que escribir su nombre de usuario y contraseña cada vez no son agradables.

De forma predeterminada, esto solo se aplicará al repositorio en el que está trabajando. Si llama a la versión global, asegúrese de que esto es lo que desea. También por defecto, el tiempo de espera se establece en 4 horas (14400 segundos).

Usage

```
fijar_tiempo_credenciales(pausa = 14400, global = FALSE)
```

Arguments

pausa   número de segundos antes del tiempo de espera

global   si el cambio debe ser global o local para el repositorio

Value

No hay valor de retorno - se llama por su efecto secundario

get_instance   *Get the active instance in the session*

Description

By default, functions that get tickets and pull requests use the active instance in the session. This functions gets this active instance.

Usage

```
get_instance()
```

Value

a character of the active issue in the session

| incluye_upstream | *Title Agregue el upstream al repositorio que está activo en RStudio.* |

Description

Title Agregue el upstream al repositorio que está activo en RStudio.

Usage

```
incluye_upstream(instancia = "guardada")
```

Arguments

| instancia | instancia de ixplorer (Ej: "secure", "masterclass", "prueba") |

Details

Esta función es la versión en español de add_upstream(). Perminte agregar el upstream al repositorio que está activo en RStudio en este momento

Value

No hay valor de retorno - se llama por su efecto secundario

| listar_tiquetes_abiertos | |
| *Lista de tiquetes abiertos* | |

Description

Listado de tiquetes abiertos del repositorio indicado.

Usage

```
listar_tiquetes_abiertos(instancia = "guardada", dias = NULL)
```

Arguments

| instancia | instancia de ixplorer (Ejm: "secure", "masterclass", "prueba") |
| dias | es el tiempo en días que se quiere ver hacia atrás. Por ejemplo si se quiere ver los tiquetes creados en los últimos 7 días, lag = 7. Por defecto muestra todos los tiquetes sin ningún lag. |

Value

No hay valor de retorno - se llama por su efecto secundario

```
listar_tiquetes_cerrados
```
Lista de tiquetes cerrados

Description

Listado de tiquetes cerrados del repositorio indicado.

Usage

```
listar_tiquetes_cerrados(instancia = "guardada", dias = NULL)
```

Arguments

instancia	instancia de ixplorer (Ejm: "secure", "masterclass", "prueba")
dias	es el tiempo en días que se quiere ver hacia atrás. Por ejemplo si se quiere ver los tiquetes cerrados en los últimos 7 días, lag = 7. Por defecto muestra todos los tiquetes sin ningún lag.

Value

No hay valor de retorno - se llama por su efecto secundario

```
list_closed_tickets
```
List closed tickets

Description

List of closed tickets from the indicated repository.

Usage

```
list_closed_tickets(instance = "saved", lag = NULL)
```

Arguments

instance	instance from ixplorer (Ejm: "secure", "masterclass", "prueba") ixplorer
lag	is the time in days that you want to look back. For example if you want to see the issues closed in the last 7 days, lag = 7. By default it shows all the issues without any lag..

Value

No return value, called for side effects

---

list_open_pr   *List open pull requests*

Description

Lists your open pull requests in ixplorer

Usage

```
list_open_pr(instance = "all", assignee = "team")
```

Arguments

instance   an instance from ixplorer such as "masterclass" or "prueba". Default value "all"
                  lists the pull requests of all your saved instances. Value "saved" lists pull re-
                  quests from your current instance

assignee   name of a person from your team. Default "team" lists all the pull requests in
                  the instance with all assignees. When the value is "me" it filters the pull requests
                  list for assigned to you according to your username provided in add_token()

Value

tibble of list instances

Examples

```
## Not run:
list_open_pr(instance = "prueba",
             assignee = "daniel")

## End(Not run)
```

---

list_open_tickets   *List open tickets*

Description

List of open tickets in the repository

Usage

```
list_open_tickets(instance = "saved", lag = NULL)
```

Arguments

instance	instance from ixplorer (E.g. "secure", "masterclass", "prueba")
lag	is the time in days that you want to look back. For example if you want to see the tickets closed in the last 7 days, lag = 7. By default it shows all the tickets without any lag..

Value

No return value, called for side effects

---

new_user   *Create a new user on ixplorer.*

Description

This function creates a new user on an ixplorer server by sending a POST request to the appropriate endpoint.

Usage

```
new_user(base_url, api_key, owner, repo, user_data)
```

Arguments

base_url	The base URL of the ixplorer server.
api_key	The API key for authentication on the ixplorer server.
owner	The owner (organization or user) of the repository where the user will be created.
repo	The name of the repository where the user will be created.
user_data	An object containing user information, including at least email, login_name, and username.

Value

A list containing the response from the ixplorer server, including the generated password.

---

publica_wiki   *Publica en el wiki repo*

Description

Publique un rmarkdown o qmd específico en el repositorio wiki, especificando la ruta del repositorio wiki una vez que ya haya clonado este repositorio en su máquina. Consulte Detalles si es la primera vez que publica en un repositorio wiki.

Usage

```
publica_wiki(
  reporte = report,
  ruta_repo_wiki = path_wiki_repo,
  auto_actualizar = TRUE,
  silenciar_bitacora = FALSE,
  nuevo_nombre = NULL
)
```

Arguments

reporte   la ruta al archivo rmarkdown o qmd

ruta_repo_wiki la ruta completa al repositorio wiki.

auto_actualizar

        Si desea hacer automáticamente el pull, commit y push establecido en TRUE, si desea hacerlo manualmente, establezca FALSE. El valor predeterminado es TRUE.

silenciar_bitacora

        Si desea ver la bitacora de renderización establezca TRUE, de lo contrario establezca FALSE. El valor default es TRUE.

nuevo_nombre   el nuevo nombre del archivo markdown.

Details

Publica un rmarkdown en un wiki repo

Si es la primera vez que va a publicar en una wiki, se deben seguir estos pasos:

1.El repositorio wiki debe clonarse en una carpeta de trabajo local. Para hacer esto, primero vaya a la pestaña wiki de su repositorio y deberá crear manualmente la primera página wiki. Si no lo hace, le dirá que el repositorio no existe.

1. Una vez que haya creado la página de inicio de la wiki, deberá clonar el repositorio de la wiki como lo haría con cualquier otro repositorio en su computadora (usando el enlace que está disponible para usted una vez que haya creado la página de inicio de la wiki).

2. Una vez que haya clonado la wiki en su computadora, lo que debe indicar en la función publica_wiki es la path_wiki_repo. Esta es la dirección completa en su computadora donde se encuentra este repositorio que clonó. Por ejemplo: /home/client/project/wiki_repo

Value

Publica un md en un repositorio wiki.

Examples

```
## Not run:
publish_wiki(reporte = "eda.Rmd",
             path_wiki_repo = "/home/cliente/proyecto/wiki_repo")

## End(Not run)
```

---

publish_wiki   *Publish into wiki repo*

Description

Publish an specific rmarkdown or qmd into wiki repository, specifying the path of the wiki repository once that you already clone this repository into your machine. See Details if is your first time publishing in a wiki repository.

Usage

```
publish_wiki(
  report,
  path_wiki_repo,
  automatic_update = FALSE,
  new_file_name = NULL,
  quiet_render_logs = FALSE
)
```

Arguments

report   the path of rmarkdown or qmd file

path_wiki_repo   the complete path of wiki repository.

automatic_update

    if you like to do automatically the pull, commit and push set in TRUE, if you like to do manually, set FALSE. Default is TRUE.

new_file_name   the new name for the markdown file.

quiet_render_logs

    if you like to see the render logs of rmarkdown, set in TRUE, in otherwise set FALSE. Default is TRUE.

Details

Publish an rmarkdown into wiki repo

If this is the first time you are going to publish in a wiki, you must follow these steps:

1. The wiki repository must be cloned to a local working folder. To do this first go to the wiki tab of your repository and you will need to manually create the first wiki page. If you don't do this it will tell you that the repository does not exist.

2. Once you have created the wiki home page, you will need to clone the wiki repository just like you would any other repository on your computer (using the link that is made available to you once you create the wiki home page).

3. Once you have cloned the wiki on your computer, what you should indicate in the `publica_wiki` function is the `path_wiki_repo`. This is the full address on your computer where this repository you cloned is located. For example: /home/client/project/wiki_repo

Value

Publish a md into wiki repository.

Examples

```
## Not run:
publish_wiki(report = "eda.Rmd",
             path_wiki_repo = "/home/cliente/proyecto/wiki_repo")

## End(Not run)
```

---

set_authentication   *Set authentication*

Description

Set the authentification into ixplorer

Usage

```
set_authentication(access_data)
```

Arguments

`access_data`   Data needed to get into ixplorer

Value

No return value, called for side effects

```
set_git_credentials_cache
```
Set git credential cache time

Description

Set the amount of time that the git credentials will be available on the system you are working on.

Usage

```
set_git_credentials_cache(hours = 4, global = TRUE)
```

Arguments

hours	the amount of hours that the credentials should be stored. Defaults to 4 hours.
global	if TRUE then the setting will be sett as a global setting. If FALSE it will only be for the current git repository

Details

As we move between servers to work we oftentimes do not want to store our git passwords there. For instance when we are workign on servers of third parties. The extreme is to include the username and password for every single git call. But with git we can have a middle way where we store the credentials in cache for a limited amount of time.

Value

No return value, called for side effects

```
set_git_timeout
```
Extend git credential cache time-out

Description

Set the number of seconds before the git credential cache times out. Note that this is written for work on remote servers where we do not want to store our git credentials because other might have access to it, or impersonate us. On a trusted machine the most common setting would be git credential.helper store. However, some caching is required when working on a remote server because frequent commit-push cycles where you have to write out your username and password every time is not nice.

By default this will only apply to the repo you are working in. If you call the global version take care that this is what you want. Also by default the timeout is set to 4 hours (14400 seconds).

Usage

```
set_git_timeout(timeout = 14400, global = FALSE)
```

Arguments

timeout	number of seconds before timeout
global	whether the change should be global or local to the repo

Value

No return value, called for side effects

---

synch_branch *Synch your master branch with upstream*

Description

Runs steps to synch your master branch to upstream automatically

Usage

```
synch_branch(default_branch_name = "master")
```

Arguments

default_branch_name

                 defines a default branch name to be able to synchronize it

Value

No return value, called for side effects

---

tiquetes_actuales *Tiquetes actuales*

Description

Vea tiquetes para un usuario específico en una computadora y obtenga enlaces a su ixplorer según las credenciales utilizadas en el gadget de autenticación.

Usage

```
tiquetes_actuales(instancia = "guardada")
```

Arguments

instancia	instancia de ixplorer (Ej: "secure", "masterclass", "prueba")

Value

No hay valor de retorno - se llama por su efecto secundario

verify_ixplorer_file   *Verificar autentificacion del ixplorer.*

Description

Verifique si hay un archivo .ixplorer en el directorio de trabajo y configure las variables.

Usage

```
verify_ixplorer_file()
```

Value

No return value, called for side effects

verify_ixproject   *Verifies ixplorer project*

Description

Verifies if the project's name exists in the repository.

Usage

```
verify_ixproject(gitear_access)
```

Arguments

gitear_access   parameters to access into an ixplorer instance

Value

No return value, called for side effects

---

verify_ixrepo   *Verifies ixplorer repo*

Description

Verifies if ixplorer repository's name exists.

Usage

```
verify_ixrepo(gitear_access)
```

Arguments

gitear_access   parameters to access into an ixplorer instance

Value

No return value, called for side effects

---

verify_ixtoken   *Verifies ixplorer user*

Description

Verifies token exists for a repository.

Usage

```
verify_ixtoken(gitear_access)
```

Arguments

gitear_access   parameters to access into an ixplorer instance

Value

No return value, called for side effects

---

verify_ixurl   *Verifies ixplorer url*

Description

Verifies if the url exists in the repository

Usage

```
verify_ixurl(gitear_access)
```

Arguments

gitear_access   parameters to access into an ixplorer instance

---

verify_ixuser   *Verifies ixplorer user*

Description

Verifies if user name exists.

Usage

```
verify_ixuser(gitear_access)
```

Arguments

gitear_access   parameters to access into an ixplorer instance

Value

No return value, called for side effects

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