This github-actions workflow creates a container with preinstalled R, Rstudio-server, OMA packages and other packages as requested by users.

File descriptions:

1. rstudio-server.def
2. launcher.sh
3. launcher_rserver.desktop
4. installed_packages.tsv
5. git-cmds
6. .github/workflows/release-on-tag.yml

After successful run of github actions this will create a container `rstudio-server.sif` which can be downloaded from release page.

Using container on SD-Desktop:

For project managers

Follow these steps:

1. Upload `rstudio-server.sif`, `launcher.sh` and `launcher_rserver.desktop` on SD-connect.
2. Move above files to one location (ex: /media/volume/OMA_container/OMA-rserver) which should be accessible for every user.

For other users

1. Copy launcher desktop shortcut `/media/volume/OMA_container/OMA-rserver/launcher_rserver.desktop` to your desktop location `/home/$USER/Desktop`
2. Right click on desktop shortcut file and select *'Allow launching'*. After which the icon will be renamed to *'Rstudio Server (OMA)'*
3. Double click on icon, this will open a terminal printing the launch details. Wait for some seconds, Rstudio server will open in firefox.

File structure inside new containers (Rstudio-server)

	Inside container (Rstudio)	Location on drive	Description
User specific directories	`/home/$USER`	`/home/$USER`	All user files. Will not be accessible by other users. Can be used to store codes/analysis.
Workspaces	`/home/$USER/Workspace`	`/media/volume/Workspaces/users/$USER`	This folder is accessible for every user. You can store codes which you want to share with other users.

Inside container (Rstudio)	Location on drive	Description
Exports	`/home/$USER/Exports`	`/media/volume/Exports/users/$USER`	This folder is intended for storing files which you want to export. This is also accessible for other users.
Shared-projects (read-only)	`/media/project_2013220` or `/home/$USER/shared_project`	`/media/volume/project_2013220`	All files from SD-connect are copied in this folder and TSE objects are accessible
SD-connect (read-only)	`/home/$USER/Projects/SD-Connect`	`/home/$USER/Projects/SD-Connect`	Mounted SD-connect drive