README file: Functions repo

# What the ATLAS data analysis pipeline does:

* Install required packages
* Retrieve data from the ATLAS database
* Apply the confidence filter

# Required packages

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| --- | --- |
| **Action (script)** | **Required R packages** |
| Functions documentation (all scripts) | * roxygen2 * crayon |
| Data retrieval from the ATLAS database | * DBI * RMySQL * RSQLite |
| Apply the confidence filter | * Rcpp * dplyr |
| Plot the ATLAS data on an interactive map | * leaflet * sf * RColorBrewer * htmltools |
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|  |  |
|  |  |

# Configuration file

Ask Neta for the file

* Define the paths
* Set load from sqlite: explain what TRUE and FALSE do

# Retrieve data from the ATLAS database

* If you are working remote or with a laptop which does not belong to TAU, you need to connect to the VPN before running this script.
* Show the users where to set the desired tag numbers and dates

# Confidence filter

From Eitam’s code: “the file Track\_cpp.R runs an essential sourceCpp commnad,

if your current directory (getwd()) does not contain a functions/TrackConf.cpp file

you can source it beforehand and inhibit the command form the file”