Work Instructions

Number: **030**

Name: **R Open script**

Title: Open an R script and change the working directory

Status: Approved

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Date: 2023-06-30

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1 Document history

1.1 Release

1.1.1 Drafted

Submitted on 2023-01-26 by Gilles San Martin, data scientist; Michael Rubinigg, quality manager.

1.1.2 Reviewed

Reviewed on 2023-06-30 by Noa Simòn Delso, general manager.

1.1.3 Approved

Approved on 2023-06-30 by Michael Rubinigg, quality manager.

1.2 Change history

n.a.

2 Abbreviations

IDE	Integrated Development Environment
n.a.	not available
WI	Work Instructions

3 Introduction

The document describes the process of opening an R script and change the working directory.

4 Validity

4.1 Area

The validity of this document is limited to the process of opening an R script and change the working directory.

4.2 Time

The period of validity of this WI begins on 2023-06-30 and ends with its revocation.

4.3 Related Documents

Document type	Number	Name
WI	029	R Setup

5 Procedure

5.1 Open an R script

5.1.1 Setup R

- If necessary set up R on the computer and install the required packages, as described in WI-029.

5.1.2 Open existing file from a file explorer

5.1.2.1 Open existing file from the Windows File Explorer

- Open an existing file with a `.R` file extension by double clicking on it.
- If the IDE RStudio Desktop is installed it will open within this software application.

5.1.2.2 Open existing file within the IDE RStudio Desktop

- Open the IDE RStudio Desktop application
- Select File > Open File (Ctrl+O).
- Select the required file from the file list.

5.1.3 Set a working directory

5.1.3.1 Set a working directory from the console pane

- Open the IDE RStudio Desktop.
- Access the console pane through View > Show All Panes (Alt+Ctrl+Shift+0) and subsequently select the console pane through View > Panes > Zoom Console (Ctrl+Shift+2).
- Enter the desired working directory `[working directory]` by typing `setwd("[working directory]")`.
    - If the application runs in a UNIX-based operating system (e.g. Linux, MacOS) use the simple forward slash (/) that is standard in these platforms.
    - If the application runs in a Windows operating system replace backslashes (`\`) in path string by a double backslash (`\\`) or by a simple forward slash (`/`).
- If the working directory is set, all other file paths will be relative to this directory.

6 References

There are no sources in the current document.

7 Annexes

There are no annexes in the current document.