# UTIL-12:Doc publication script definition

Artic42

July 1, 2022

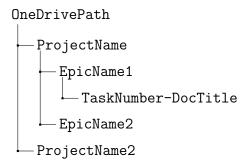
#### **Abstract**

The objective of this script is to automatically upload a file to OneDrive. This will allow to check the documents from any device. And will allow to easily link the docs to JIRA tasks without take space in the server.

Call the script and add the path to the pdf and to the tex file as arguments.

## 1 Folder structure

The documents will automatically be added to a folder structure to make things easier to find.



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## 2 Library

This script uses the oneDriveFileManagement library present on project ArticUtils.

## 3 Algorithm

The script will ask for a path to the document. In this document the following lines will exist in order to give the necessary data for the publishing.

\def\FILENAME{\$The filename\$}
\def\PROJECT{\$ProjectName\$}
\def\EPIC{\$Epic name\$}

#### Algorithm 1 Publish document main function

function publishDocument(path, pathTex)
 getFileName(pathTex)
 getProjectName(pathTex)
 getEpicName(pathTex)
 Authenticate in OneDrive
 if Projectfolderexists ≠ TRUE then
 Create project folder
 if Epicfolderexists ≠ TRUE then
 Create epic folder
 Copy file into folder
 Print link to the file
 Close connection

## 3.1 getFileName

```
Algorithm 2 Get the file name from the tex file

function publishDocument(path, pathTex)

Open tex file

Find the line containing \DEF\FILENAME

Eliminate everything before {

Eliminate everything after }

return Line
```

## 3.2 getProjectName and getEpicName

Same as getFileName but instead of look for line containing

\DEF\PROJECT \DEF\EPIC

#### 4 Test

Publish this file an check if it works