

# 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.

```
OneDrivePath
├── ProjectName
│   ├── EpicName1
│   │   └── TaskNumber-DocTitle
│   └── EpicName2
└── ProjectName2
```

## 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  $\neq$  TRUE then  
    Create project folder  
  if Epicfolderexists  $\neq$  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 and check if it works